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C & D

CHEMIST AND DRUGGIST

MARCH 1 1969



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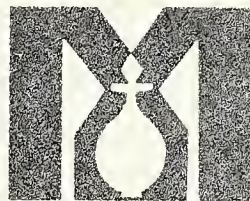
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C&D

CHEMIST AND DRUGGIST

ESTABLISHED 1859

THE WEEKLY NEWSPAPER FOR PHARMACY
and all sections of the drug, pharmaceutical,
fine chemical, cosmetics, and allied industries
*Official organ of the Pharmaceutical Society of Ireland
and of the Pharmaceutical Society of Northern Ireland*

Volume 191

March 1, 1969

No. 4646

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ANNUAL SUBSCRIPTION

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C&D

CHEMIST AND DRUGGIST

Volume 191

MARCH 1, 1969

No. 4646

"Recommended" Resale Prices

NO GENERAL BAN BUT INDIVIDUAL INVESTIGATIONS WHEN NECESSARY

IN some situations recommended resale prices are likely to be beneficial and in the public interest. In others they are likely on balance to be harmful. "We therefore do not recommend that the practice should be banned in all circumstances." That is the finding of the committee that was set up under the chairmanship of Sir Ashton Roskill to inquire into the practice of recommended resale prices.

The Committee considers that the Government should take power to ban the practice of recommending or otherwise suggesting the prices to be charged on the resale of goods. They recommend that legislation should enable the Board of Trade to investigate, or to refer to an appropriate body for investigation, the supply of any class (which might, if appropriate, be the products of a specified manufacturer) in which the Board considers that recommendations of resale prices may operate against the public interest. "The power to prohibit the practice of recommending or otherwise suggesting resale prices should be exercisable by the Board after such investigation." The report has been accepted in principle by the Government (see p. 187).

"Mobile" Health Centre

A LINKED "MOBILE" PHARMACY

A "MOBILE" health centre, claimed the first in Britain, has been erected by Cheshire County Council in the Castlefields area of Runcorn New Town. The centre provides accommodation for up to three doctors and for ancillary staffs. Facilities include a treatment, waiting, staff common and consulting rooms. Concurrently Runcorn Development Corporation has provided, as a linked unit of the same construction, a temporary pharmacy comprising a dispensary fitted with wet and dry dispensing facilities, a public area for sales and waiting, and a store room. The temporary pharmacy is being occupied from April 1 by Mr. M. J. G. Tompkins, B.Sc., M.P.S., until he moves to the permanent Castlefields pharmacy due to be completed next to the site of the permanent health and community centre in the latter part of 1970 (see *C. & D.*, June 29, 1968, p. 593 and September 28, 1969, p. 299). When the permanent buildings are ready the "mobile" structures may be transported to other sites for further service. The

units arrived on site in caravan sections completely fitted out, so that site operations were reduced to positioning, bolting together the sections, and linking-up water and other services. While the unit is on site the wheels are removed from the caravans. Cheshire health centres, of which five are expected to be provided in the designated area of Runcorn New Town, are being planned in close consultation with the Cheshire Executive Council. By simultaneously planning for the linked provision of pharmaceutical services through the new town's health services planning group, which includes representatives of all branches of the services including the Executive Council and the Local Pharmaceutical Committee, the New Town authorities aim to ensure that the benefits of closer co-ordination between pharmacy and the medical and welfare services are fully realised, whilst the traditional community rôle of the pharmacist in all matters concerned with health and hygiene is preserved. When Mr. Tompkins takes over his temporary quarters there will already be (apart from existing inhabitants in the imme-

diate vicinity) a population of about 1,500 newcomers living in houses built by the Development Corporation. If the anticipated rate of building is maintained, that number will increase to over 8,000 people living in more than 2,000 houses by the time the permanent pharmacy is ready for occupation.

Dispensing Costs Inquiry

PARTICIPANTS SELECTED

THE sample of 210 pharmacies that are to participate in the agreed full-scale inquiry into the cost of providing the pharmaceutical service has now been selected. Two letters have been sent to them by the Central N.H.S. (Chemist Contractors) Committee. The first (CL1/69) is addressed to the pharmacist. It provides him with an outline of the form the inquiry will take. The second letter (CL2/69) is for the pharmacist to send to his accountant indicating the financial details that will be required by the Department of Health at the end of the accounting year. The fourteen observers (seven from each side) who will be engaged in recording the data in the selected pharmacies will undergo a fortnight's period of training in London during early April. The seven observers representing the Central N.H.S. Committee (plus two reserves) are all pharmacists.

Addiction in Industry

DANGERS FROM VOLATILE LIQUIDS

SUPERVISORS and foreman in industry should be trained to detect drug addiction urged DR. J. TODD, consultant psychiatrist, High Royals Hospital, Bradford, when addressing Bradford trades council on February 21. "The pharma-



V.I.P. TREATMENT FOR PHOTO DEALERS: Launching a campaign to secure extended distribution and coverage for their products in the popular film and camera market, Agfa-Gevaert, Ltd., Brentford, Middlesex, are giving photographic retailers the V.I.P. treatment. Selected dealers in each representative's area will be invited to join him and a uniformed girl "postilion" in a Rolls Royce. During the drive they will be given details of product news and promotions.

ceutical business," he said, had quite a bit to answer for in the way drug-taking was affecting industry and the country. Some wholesale chemists appeared to be careless in storing drugs. A close look should be taken at the persons working in chemists' shops and at wholesale chemists, "because there is no doubt quite a leakage throughout the country in this way." A new danger was the possibility of addiction to the sniffing of the volatile liquids in industrial use. That was already well known in America, where grease removers, cleaning fluids, paint thinners and removers, lacquers, lighter fuels, brake fluids and plastic cement were being inhaled by addicts. The danger lay in the ease with which those materials were obtainable in industry.

Gloucester Health Centre

CITY COUNCIL ADVISED TO GO AHEAD
DESPITE strong opposition from representatives of pharmacists in Gloucester, the city council is being recommended to continue to provide a dispensary service at its new health centre at Rickenel (see *C. & D.*, February 1, p. 92). A statement from the town clerk (Mr. D. Hall) said that the City's National Health Service sub-committee had also decided to ask the Executive Council to restrict the number of doctors using the health centre to the present number. Without the income received from the pharmacy by the council, the statement continued, a substantial contribution from the rates would be required. Furthermore, other sections of the council obtained supplies from the pharmacy, which stayed open an hour later than chemists' shops on four evenings a week, and opened on some bank holidays. The new health centre would have the same number of consulting rooms as the old, but the chemists were concerned that those might be used in shifts, so that more patients would be catered for.

Chemical Industry

MANPOWER AND COMMUNICATIONS

THE Economic Development Committee for the Chemical Industry has produced a pamphlet "Manpower and Communications." It is the result of a recommendation in the E.D.C. report "Manpower in the Chemical Industry" (see *C. & D.*, April 8, 1967, p. 322) that British management in the industry should take steps to improve communications in their companies not merely as regards means but also in regard to subject matter. The report advocates that trade unions and management should examine their consultative procedures. The problems of communications in the industry were discussed in depth at a conference in London on February 18. The conference, chaired by Lord Pilkington (chairman of the E.D.C.), was attended by about fifty representatives of top management and unions. The speakers were Sir Paul Chambers, Dr. R. B. Buzzard (director, Institute of Industrial Psychology), Mr. W. H. Penny (works manager, Gloucester works, I.C.I. Fibres, Ltd), and Mr. J. Williams (Department of Employ-

ment and Productivity and formerly national secretary, Chemical and Allied Trades Group, Transport and General Workers' Union).

Pharmacy Students

MORE ENTRANTS FOR NATIONAL AWARD

IN September 1968, 681 students were enrolled for courses leading to the first degrees of the Council for National Academic Awards, against 514 in September 1967. First-year enrolments totalled 315, against 234 in 1967, though courses offered numbered six in both years. According to the 1967-68 report the year saw a considerable expansion of activities, the total number of students rising between the two years from 10,634 to 15,547, and the number of approved first-degree courses from 167 to 213. Pharmacy students are shown to have been the sixth largest group at that level, and there were also twenty-six candidates carrying out research in pharmacy for the higher degrees of M.Phil. or Ph.D. For the higher degree scheme a growing demand is reported from staff employed in companies and in research establishments. The majority of the registrations involved "applied" research projects. In a paragraph devoted to encouraging innovation and experiment in course design, the council says it looks for less rigidity in methods of examining students. More part-time courses should be available for mature students.

Prescribing by Dentists

LIST DELETIONS AND ADDITIONS

THE following deletions from and additions to the List of Drugs and Preparations that may be supplied on dental forms EC14 take effect on March 3:

Deletions

Borax glycerin, B.P.C. 1959
Ferric chloride gargle, B.P.C. 1963
Magnesium hydroxide mixture, B.P.
Potassium chlorate and phenol gargle, B.P.C.
Sodium perborate mouthwash, D.P.F.
Sulphadimidine mixture paediatric, B.P.C.
Sulphadimidine tablets, B.P.

Borax

Boric acid
Potassium bromide
Sodium perborate

Additions

Amphotericin B lozenges, D.P.F.
Buffered sodium perborate mouthwash, D.P.F.

Carboxymethylcellulose gelatine paste, D.P.F.
Cephalexin injection, B.P.
Chlordiazepoxide capsules, B.P.
Chlordiazepoxide tablets, B.N.F.
Diazepam tablets, B.N.F.
Dihydrocodeine tablets, B.P.C.

Agricultural Chemicals

RECOMMENDATIONS FOR SAFE USE

THE Agricultural Department have issued recommendations for safe use in Great Britain of the following:—N-dimethylaminosuccinamic acid (a growth regulator); demeton-s-methyl (insecticide and acaricide); asulam and lenacil (herbicides). Recommendations have also been issued concerning the veterinary use of the following:—Aklomix, a food additive premix containing 50 per cent. of 2-chloro-4-nitrobenzamide (Salisbury Laboratories, Ltd.); iodine as contained in Lanodip (Kilco Chemicals, Ltd.) and Dipodine (Hull Veterinary Chemicals, Ltd.); phosalone as in Embacide (May & Baker, Ltd.); Novastat, Novastat-3, Novastat-SQ, Novastat-SQ-3, Polystat and Wormal (feed additives issued by Salisbury Laboratories, Ltd.); cetrimide; Finalgon (Abbott Laboratories, Ltd.); p-amino benzene arsonic acid; parbendazole; iodinated casein; Lalozone. Recommendations have also been published under the title bromophos but they apply only to five granular formulations containing 3 per cent. w/w bromophos or less for home kitchen and larder use.

Sulphuric Acid

PRODUCTION RISES IN 1968

PRODUCTION of sulphuric acid by members of the National Sulphuric Acid Association in 1968 totalled 3,282,328 tons calculated as 100 per cent. H₂SO₄. That was nearly 100,000 tons up on 1967. The fourth quarter's total was 832,674 tons which was 31,000 tons up on the previous quarter and 17,000 tons up on the corresponding quarter of 1967. Sales of acid in 1968 were 3,590,239 tons against 3,359,414 tons in 1967.

IRISH BREVITIES

THE secretary of the Irish Drug Association (Mr. B. R. Smith) has been re-appointed to the Prices Advisory Committee.



"PUTTIN" CHEMISTS IN PICTURE: Prize-winners with Peter Thompson at end of a promotion by H. Mitchell (S.S.), Ltd., of Heinz baby foods in which chemists in Belfast and surrounding areas participated. Messrs. Mitchell are believed first U.K. pharmaceutical self-service wholesaler.

SCOTTISH NEWS

Metrication

PRICING AND DISPENSING DOCTORS

THE Scottish Home and Health Department has asked chemist contractors to submit prescriptions dispensed on March 1 and 2 with their February "bundles." Dispensing doctors have also been asked by the Department to adopt the metric system when dispensing.

NEWS IN BRIEF

THE index of retail prices in January was 129.1 (January 1962=100), compared with 128.4 in December 1968.

"PHYSICS FOR PRINCES" (H.M. Stationery Office, price 6s.) is the title of a Science Museum illustrated booklet describing twenty-one items from the George III collection.

THE Medical Research Council has agreed to establish at Cambridge a biochemical parasitology research unit to develop work on the biochemistry of protozoa, particularly human protozoa.

FYFE ROBERTSON has written and presents "Animals for Experiment" in Radio 4 on March 2 evening, when he looks at the use of animals for medical and scientific experiment in this country.

THE Health Services and Public Health Act, 1968 (commencement No. 3) Order, 1969, appoints March 3 as the date for the coming into operation of a number of provisions including section 23 of the Act.

A SPECIAL meeting of the Society of Cosmetic Chemists has been called at the Royal Society of Arts, 8 John Adam Street, London, W.C.2, at 7.30 p.m. on March 6, to discuss and adopt a revised constitution and to extend for a further year the period of office of present Council members.

THE governors of Hastings College of Further Education have approved the commencement of a three-year day release course leading to the Dispensing Technician certificate examination of the City and Guilds Institute, and the College is seeking information on the likely demand for the course.

CHANGES in planning appeal procedure brought about by the Town and Country Planning Act, 1968, are included in a revised edition of the handbook "Planning Appeals; a guide to procedure," published by the Ministry of Housing and Local Government, the Welsh Office and the Central Office of Information. The edition also explains in greater detail than hitherto the procedure concerning written representations in planning appeal cases.

LOCAL OFFICERS

PHARMACEUTICAL SOCIETY BRANCHES

Brighton and Hove. — *Secretary*, I. R. L. Stephens, c/o Watts & Co. (Chemists), Ltd., 110 Dyke Road, Brighton, Sussex (telephone: 0273 27640). (Change of address.)

N.P.U. BRANCHES

Newport and Monmouthshire. — *Chairman*, H. J. Metcalfe; *Vice-chairman*, W. T. Duncan; *Secretary*, Mrs. B. J. Fourcade, Gaer Pharmacy, 43 Gaer Road, Newport, Mon.

TOPICAL REFLECTIONS

By Xrayser

Drug Abuse

The visit of Mr. James Callaghan, M.P. (Home Secretary) to Cardiff (p. 161) was well timed, coming as it did so soon after publication of the Wootton report and the subsequent debates at Westminster. The extremely large attendance was evidence of the professional interest of pharmacists in a subject that has been causing increased anxiety in the country as a whole. The task of Home Secretary at such a time is difficult indeed, and Mr. Callaghan will, I feel sure, receive sympathetic assistance from pharmacy. He has succeeded to a mass of legislation, much of it improvised at short notice, sometimes in almost panic haste, intended to stop the spread of drug taking of an undesirable and wholly unnecessary kind. The problem has been exacerbated by the fact that unscrupulous people have found that the sale of drugs of an antisocial nature can be a lucrative occupation indeed, and few activities in an imperfect world can be quite so despicable. Since the Home Secretary has committed himself to the statement that he hopes to bring before the next session of Parliament a Bill for dealing comprehensively and flexibly with drug abuse, we may take it that preliminary steps have already been taken and are, conceivably, now at an advanced stage. Any new legislation will inevitably involve the pharmacist and, far from complaining about any additional work that may ensue, we should give our advice and our time to assist in whatever way we can the efforts to curtail what has become a serious menace to society. Mr. Callaghan faces a task of considerable magnitude, for clearly there are weaknesses in the present situation. Whether dragging in the resale price maintenance and selective employment tax, as the chairman (Mr. Cecil Jacobs) did, helped the Home Secretary, or indeed, was germane to the subject, I take leave to doubt. But the experiment of holding such a meeting was undoubtedly a success, and Mr. Callaghan demonstrated that he fully realised the urgency of the matter and was determined to take steps to control a situation that might get out of hand.

Phosphorus

The historical article on p. 169 concerned with the discovery and the development of phosphorus was, I found, of great interest. I am able to recall the use in prescriptions of dilute phosphoric acid as well as the salts of phosphoric acid. The only outstanding derivative of phosphorus that I have used in recent years has been hypophosphorous acid, used in the preparation of paediatric mixture of ferrous sulphate, and that, it may be noted, will disappear almost with the publication of this column. The new formula uses ascorbic acid in its place. But in my apprentice days there were physicians who believed in the efficacy of phosphorus pills, the making of which called for dexterity of manipulation without undue dalliance. There were few things in pharmacy quite so spectacular as what might be called, to borrow modern nomenclature, "pil. phosphor. retard." *Vivace* was the motto. A pharmacist friend in a market town once told me that the outbreak of war found him with about 2 lb. of phosphorus that had been used in the preparation of rat poison. He told me he thought there were sufficient in the way of hazards without adding personal possession of phosphorus to the list. He had wondered for years how to rid himself of it. September 1939 provided him with the inspiration.

Reformulation

At a time when reformulation is in the air, opportunity might have been taken to adjust certain preparations to which water has to be added at the time of dispensing. It should not be beyond the wit of those concerned to formulate the substance so that a measurable quantity of water may be added. Such quantities as 98 ml, 57 ml, 39 ml, and so on, have always seemed to me to be impractical. The object, I know, is to produce a rational finished volume, but the means of reaching that end appear to me to be unnecessarily tortuous. The need for it in preparations that lose potency from day to day eludes me.

DISPENSING IN METRIC

Mr. Thornton-Jones faces the music

THE Pharmaceutical Society's joint secretary to the Joint Formulary Committee (MR. A. D. THORNTON-JONES), who has been closely involved in arrangements for the changeover to metric system dispensing on March 3, gave an address on that subject to an evening meeting of members at the Society's headquarters on February 19. Despite a blizzard the hall was filled almost to capacity.

After Mr. Thornton-Jones had outlined the steps leading up to complete adoption of the metric system in the British National Formulary, 1968, and the procedure to be adopted in converting to metric prescriptions written in the apothecaries' or imperial systems to metric, the meeting's chairman (MR. J. WRIGHT) threw the meeting open to discussion.

What precautions, asked a speaker from industry, were being taken to ensure that all pharmacists — not only those in retail — had access to ECN 706 (the notice giving instructions on conversion)? The conversion slide rule designed by the Department of Pharmaceutical Sciences should also, he suggested, be available to all pharmacists on the register. MR. THORNTON-JONES replied that the method of conversion was also contained in Statutory Instrument, 1969, No. 101, which was available from H.M. Stationery Office. The ECN was almost entirely based upon that order, apart from a few instructions that concerned chemist contractors. It should be possible to obtain copies of ECN 706 from Executive Councils. The slide rule would eventually be freely available, though it might have to be at a small charge.

What About Doctors?

DR. L. K. SHARP (School of Pharmacy, University of London), asked whether there was any machinery for compelling medical practitioners, after a certain date, to write prescriptions in metric quantities. MR. THORNTON-JONES did not accept that compulsion would be effective, holding that persuasion was preferable. A survey had shown, he told another questioner, that less than 10 per cent. of all prescriptions consisted of liquid oral preparations written in the apothecaries' system, the actual percentage varying in different regions. Much work had been done on reformulating and testing mixtures given in older editions of the British National Formulary and National Formulary, and a leaflet of amendments would soon be issued. MR. J. A. GOULDING (headquarters staff, National Pharmaceutical Union), when called on by Mr. Wright, explained that the "top forty" converted B.N.F. formulas were being published in the next issue of the *Newsletter* of the Central N.H.S. (Chemist Contractors') Committee. The complete work would be published in six to eight weeks' time as a "Compendium of Past Formulas." The question of a fee for the extra work involved in conversion having been raised, MR. WRIGHT explained that a further dispensing costs inquiry had been ar-

ranged to take place from the end of April and through May and early June. During that time chemists would still, no doubt, be facing conversion problems. He did not believe that a higher fee for mixtures needing reformulation should be insisted upon. The number of prescriptions for tablets continued to increase, and the Central N.H.S. Committee preferred to place the emphasis on getting a higher fee for tablets.

MR. D. V. SMITH (secretary of the

IRISH EMPLOYEES' PAY CLAIM

Drug Association calls a meeting

A SPECIAL general meeting of the Irish Drug Association is being held shortly to discuss recent negotiations between the Association and the Irish Union of Distributive Workers and Clerks. That was decided at the monthly meeting of the I.D.A. committee in Dublin on February 13. The Union has applied for a 10 per cent. wage increase for employees, plus three weeks' annual holiday and a reduced working week.

The committee also considered a request from Africa Concern, Ltd., to sponsor a pharmaceutical chemist for wholesale work in Lagos, Nigeria. Such sponsorship, it was thought, would be more likely to concern wholesalers and manufacturers, and the company was being recommended to approach the Wholesale Drug Federation of Ireland and the manufacturers' representative association. An interim report from the study group investigating the British Medicines Act, 1968, stated that, owing to the amount of work involved, the final report would take some time to prepare. It was agreed to co-operate with the Director-General of the Central Statistics Office in compiling a new consumers' cost-of-living index by making available, on loan, the Association's bi-monthly index list. The

London Pharmaceutical Committee) asked for clarification of the legal position on conversion of D.D.A. prescriptions to metric. MISS C. E. MOZLEY-STARK (Ministry of Health) replied that only that evening a solution acceptable to the profession had been arrived at. An amendment to the Statutory Instrument would be required, taking out the instructions for a mixed system order so far as D.D.A. preparations were concerned. Such prescriptions would have to be referred back to the doctor with an explanatory leaflet. The scheme appeared to be acceptable to the Home Office but had not yet been agreed.

secretary (Mr. B. R. Smith) reported on a meeting between members and representatives of the Irish Chemists' Cosmetics Association who had expressed dissatisfaction with an I.D.A. recommendation to add three halfpence to each shilling purchase in order to compensate for the new 10 per cent. combined turnover and wholesale tax. The meeting agreed to supply a set of envelopes to enable the Cosmetics Association to mail I.D.A. members with its suggested scale of charges, which it had been agreed would exceed that recommended by the I.D.A. The meeting also agreed to request members to operate the Cosmetics Association's suggested scale.

Further Discussions

The Joint Negotiating Committee on the Health Services reported that a further meeting with officials of the Department would take place the following week. At its previous meeting the committee had received the president and vice-president of the Pharmaceutical Society of Ireland to discuss the setting-up of a new professional body to look after the interests of all facets of pharmacy. Further discussion had been agreed upon.

COLOURS AND FLAVOURS IN MEDICINES

High cost of testing new synthetics

TESTING synthetic chemicals used in flavouring work is a long and expensive process. A full three-year feeding test is estimated to cost £30,000 for a single chemical, and the number of synthetic chemicals at present under review is approximately 1,000. The flavouring industry as it exists today, could not possibly bear such costs, said MR. E. COWLEY, B.Sc., F.R.I.C. (deputy flavour development manager, Bush Boake Allen, Ltd.), in a talk on "Colours and Flavours in Foods and Medicines" to the Harrow and District Branch of the Pharmaceutical Society on February 4. So the industry's approach was to select for testing representative items from classes of compounds and then to leave it to the toxicologists to extrapolate the results and compare them with other known findings in order to reach a decision on their suitability. How the chosen chemicals and natural flavourings were treated in the flavouring industry depended upon final usage. The bever-

age industry required either a "star-bright" or a cloudy drink, lemonade being an example of the bright and lemon-squash of the cloudy products. Main flavouring ingredient in both was lemon oil. For lemonade the oil was rendered "water-soluble" by washing out the water-soluble oxygenated aromatics with alcohol-water mixtures, leaving behind the water-insoluble terpenes. Soluble lemon essence was, in fact, more stable — flavour-wise — than the original oil. Alternatively a terpeneless oil obtained by vacuum distillation or chromatographic separation and then adding alcohol could be used to make the soluble essence.

For cloudy beverages the oil was emulsified with juice. To stabilise it so that no oil ring appeared it was weighted with an oil-soluble substance of high specific gravity. Liquid flavourings were not suitable for dry food mixes, since they evaporated or oxidised. The industry was now using encapsulated powder flavourings, the full flavour of

which was only released when the product was used by the final consumer, the powders being made by emulsifying the aromatics in acacia mucilage and then spray drying. The idea of spray drying flavours had come from a well known British firm based at Walthamstow. The development of spray dried flavours was gathering impetus and, owing to possible shortages of gum acacia, flavour houses were looking for alternative encapsulating agents such as malto-dextrins, modified starches and polyvinyl pyrrolidone.

Further improvements can be obtained by the method of cold-process encapsulation. That could be done by "coascervation," or by cold setting of minute droplets of aromatics in a carrier and then grinding. The effectiveness of the "seal" of the flavour could be demonstrated by extracting the powder with petroleum ether, evaporating any residual ether and tasting the extracted material against the original.

Only in the past thirty years had flavouring in medicines received serious attention from the industry, presenting the flavourist with some of his most difficult problems. Frequently there were unpleasant base notes never encountered in foodstuffs. The questions the flavourist had to ask himself before commencing work were whether it was desirable to tone down the unpleasant ingredients or whether a strong overriding taste and odour needed to be imparted; whether the medicine was to be taken over a long period or only for a few doses; whether the flavour was chemically compatible and miscible with the vehicle; and how frequently the flavourist could taste it in his experiments without suffering from pharmacological effects.

Assessment "Subjective"

Menthol produced a local anaesthetic effect on the taste buds, and to a lesser degree on the olfactory nerve endings. Emulsions were useful when the objectionable ingredients could be included in the disperse phase. Salt was recognised as being able to reduce, and sugar to dampen, bitterness. Demulcents enabled medicines to be swallowed before an objectionable principle had time to dissolve in the saliva. Salt would not blend with soft fruit flavours but would with butterscotch, caramel and certain citrus-fruit flavours. Fruit flavours blended with acids and bitters, though using a lingering flavour such as chocolate or apricot, might sometimes be more advisable. Flavour assessment was purely subjective, and the final flavour selected might seem illogical. As important as flavours, and in some situations even more so, was the use of colours in food and medicines, since members of the public were first attracted to a product by its eye appeal. In the United Kingdom colourings for food were controlled; there were twenty-five permitted coal-tar colours and a number of other colours, mainly of natural origin. There was no similar list of products for use in the colouring of medicines, but it was customary to adhere to those permitted in food. In the formulation of a new product, storage tests should be conducted at room and elevated temperatures.

AMENDMENTS TO THE PHARMACOPOEIA

Changes official from March 3

THE British Pharmacopoeia Commission has published the following amendments to the British Pharmacopoeia 1968. The amendments are effective from March 3.

P. 9. **Doses.** Amend the second paragraph to:—

For some substances it has been thought advisable to indicate the doses usually given over a stated period, for example, daily (twenty-four hours). In the absence of these or other indications of frequency or subdivision, the quantities are those generally suitable for administration on one occasion.

P. 161. **Carbon monoxide.** Amend the test to:—

Carbon monoxide. Not more than 10 parts per million v/v of CO when drawn from the gaseous phase. Determine by the method described under Nitrous Oxide, page 659, using a volume equivalent to 5,000 ml at normal temperature and pressure mixed with an equal volume of nitrogen. Insert into the purifying train, between the chromic-sulphuric acid mixture and the solid potassium hydroxide, an additional trap containing 100 ml. of a 40 per cent. w/v solution of potassium hydroxide and use nitrogen free from carbon monoxide instead of air free from carbon monoxide for the blank determination and for sweeping out the apparatus.

P. 170. **Sterilised Surgical Catgut. Labelling.** Lines 9 and 10. Delete requirements (3) and (4).

P. 211. **Chlorpromazine Injection.** Lines 9 and 13. For '0.05' read '0.2'.

P. 212. **Chlorpromazine Tablets.** Line 7. For '0.05' read '0.2'.

P. 260. **Crotamiton Halide.** Amend the requirement to:—

Chloride. Heat 5.0 g. with 25 ml. of alcohol (95 per cent.) and 5 ml. of sodium hydroxide solution under a reflux condenser for one hour. Cool, transfer to a separator, add 25 ml. of solvent ether and 5 ml. of water, shake, and allow to separate. Run the lower layer into a Nessler cylinder, dilute to 20 ml. with water, add 5 ml. of nitric acid, dilute to 50 ml. with water, and add 1 ml. of silver nitrate solution. Any opalescence produced is not greater than that produced by adding 1 ml. of silver nitrate solution to a solution prepared by diluting 5 ml. of sodium hydroxide solution to 20 ml. with water and adding 1.5 ml. of N/100 hydrochloric acid, 5 ml. of nitric acid, and sufficient water to produce 50 ml.

P. 463. **Hydrochloric Acid. Non-volatile matter.** For '0.1' read '0.01'.

P. 604. **Methohexitone Injection. Uniformity of weight.** Amend the test to:—

Uniformity of weight. Determine the weight of the contents of each of ten containers as described under Uniformity of Weight, Method A, page 498. Mix the contents of the ten containers, carry out the Assay for $C_{14}H_{17}N_2NaO_3$, and from the result calculate the proportionate amount of $C_{14}H_{17}N_2NaO_3$ in each container. This amount does not deviate from the weight of methohexitone sodium stated on the label by a greater percentage than that shown in Table II, page 498, except that in one container the amount may deviate by not more than twice the percentage shown.

P. 615. **Methyldopa. Specific rotation.** After 'page 1226' insert 'and calculated with reference to the anhydrous substance'.

P. 653. **Nicotinamide. Assay.** Line 9. For

'hydrochloric' read 'sulphuric'.

P. 821. **Prochlorperazine Injection.** Line 4 (from foot). For '0.05' read '0.2'.

P. 830. **Promazine Injection.** Line 8 (from foot). For '0.05' read '0.2'.

P. 833. **Promethazine Hydrochloride Injection.** Line 15 (from foot). For '0.05' read '0.2'.

P. 839. **Propranolol Hydrochloride.** Line 23 (from foot). For '295.5' read '295.8'.

P. 840, line 7. For '0.02955' read '0.02958'.

SOFT SOAP

P. 885. Soft Soap may be coloured with chlorophyll or not more than 0.015 per cent. of an innocuous green soap dye.

APPENDIX I

A. MATERIALS AND SOLUTIONS EMPLOYED IN TESTS AND ASSAYS
Amend the following:

Potassium Borohydride.

Add the statement: 'Contains not less than 97.0 per cent of KBH_4 .'

ASSAY. Amend the last sentence to:

Repeat the operation without the sample.

The difference between the titrations is equivalent to the amount of M/20 potassium iodate required. Each ml. of N/10 sodium thiosulphate is equivalent to 0.000674 g. of KBH_4 .

Add the following:

Alumina, Anhydrous: an aluminium oxide, dehydrated and activated by heat treatment and consisting of $\gamma-Al_2O_3$. The particle size is such that all the aluminium oxide passes through a No. 100 sieve but is retained on a No. 200 sieve.

APPENDIX 1 B

P. 1195. **British Chemical Reference Substances.** Lines 6 and 7.

Amend the last sentence to: 'They are available from the British Pharmacopoeia Commission, 8 Bulstrode Street, London W1M 5FT.'

APPENDIX II

A. SOLUTIONS EMPLOYED IN VOLUMETRIC DETERMINATIONS

Add the following:

Mercury Perchlorate, N/10

Dissolve 21.9 g. of yellow mercuric oxide in 17.3 ml. of perchloric acid (72 per cent w/w) and add sufficient water to produce 2000 ml. The pH of the solution is between 1.9 and 2.0.

Silver Nitrate, N/100

Silver nitrate dissolved in water to contain in 1000 ml. 1.699 g. of $AgNO_3$.

APPENDIX IV

P. 1212, line 31. For '1365: 1961' read '1365: 1951'.

APPENDIX XXI

C. DISINTEGRATION TEST FOR CAPSULES

P. 1368. Add to the end of the first paragraph:

The time required for the five capsules to disintegrate in the manner described is not more than fifteen minutes.

Copies of the amendments may be obtained from the secretary, British Pharmacopoeia Commission, 8 Bulstrode Street, London, W1M 5FT.

BRITISH NATIONAL FORMULARY, 1968

Textual amendments notified by the publishers

THE following amendments to the British National Formulary, 1968, have been notified by the publishers:-

p. 190, **Mexenone Cream**. *Amend* description to: Mexenone 4 per cent. in a water-soluble base.

p. 195, **Digoxin Elixir Paediatric**. *Add* This elixir should not be diluted; the dose should be measured by means of a graduated pipette.

p. 213, **Dextromoramide Injection**. *Amend* the ampoule volume to 1 ml.

p. 246, **Ipecacuanha and Morphine Mixture: Kaolin and Morphine Mixture**. *Amend* footnotes to: 10 ml. contains 0.7 mg. of anhydrous morphine.

p. 248, **Penicillin V Mixture**. *Amend* description and dose to: A suspension of phenoxymethylpenicillin or the calcium or potassium salt of phenoxymethylpenicillin in an oily vehicle. 100 ml., containing 125 mg. of phenoxymethylpenicillin or its equivalent in 5 ml. to be dispensed unless otherwise directed. **DOSE: CHILDREN** (state age). Every six hours: up to 1 year, 62.5 mg.; 1 to 5 years, 125 mg.; 6 to 12 years, 250 mg. *Add* **DILUENT**. Fractionated coconut oil. It should be kept in a cool place.

p. 248, **Potassium Citrate Mixture:**

p. 250, **Sodium Citrate Mixture**. *Add* **DILUENT**. Syrup

p. 274, **Cycloserine Tablets**. *Amend* dispensing instruction to: Five days' supply of tablets, each containing 250 mg., to be dispensed unless otherwise directed.

p. 307, **Amendments to Composition**. *Add* Ephedrine nasal drops.

p. 349, **Lanatoside C**. *Delete* Inj., Suppos.; Digilanid.

p. 358, **Dental Practitioners' Formulary**. *Add* the following monographs:

Hydrocortisone Lozenges, B.P.C.

Proprietary product: Corlan Pellets

DOSE: 2.5 mg. two to four times daily.

DIRECTIONS FOR USE: One to be dissolved slowly in the mouth near the lesion.

They should be kept in air-tight containers in a cool place. 20 lozenges, each containing hydrocortisone sodium succinate equivalent to hydrocortisone 2.5 mg., to be dispensed unless otherwise directed.

Iodine Compound Paint, B.P.C.

Iodine 1.25 G.

Potassium Iodide 2.5 G.

Water 2.5 ml.

Peppermint Oil 0.4 ml.

Alcohol (90 per cent.) 4 ml.

Glycerin to 100 ml.

Labelling: Shake well before use.

25 ml. to be dispensed unless otherwise directed.

Benzylpenicillin Tablets, B.P.

125 mg.; 250 mg.

DOSE: 125 to 500 mg. (200,000 to 800,000 Units) every four hours.

CHILDREN (state age). Every six hours: 1 to 5 years, 125 mg.; 6 to 12 years, 250 mg.

They should be kept at a temperature not exceeding 30°. 10 tablets, each containing 250 mg., to be dispensed unless otherwise directed.

Meprobamate Tablets, B.P. S.4B
200 mg.; 400 mg.

DOSE: 0.4 to 1.2 g daily, in divided doses. 20 tablets, each containing 400 mg., to be dispensed unless otherwise directed.

p. 359, **Sodium Perborate Mouth-wash, Buffered**. *Amend* Directions for use, and

dispensing instructions to: The contents of one sachet to be dissolved in water. 8 sachets to be dispensed unless otherwise directed.

p. 360, **Calcium Sodium Lactate Tablets**. *Amend* Dose to: 0.45 to 1.8 G.

INDEX

p. 370, *Add* Emuls. Paraff. Liq. c Agar, *see* Liquid Paraffin Emulsion, 198.

p. 372, *Amend* Hydrous Ointment to: Hydrous Emulsifying Ointment. *Add* Hydrous Ointment, *see* Oily Cream, 191.

p. 383, *Amend* Ung. Aquos., *see* Aqueous Cream, 189 to: Ung. Aquos., *see* Oily Cream, 191.

KODAK TRADE DISCOUNTS

Single structure for all customers

A SINGLE, coherent discount structure for almost all the company's customers in the United Kingdom, Channel Islands and Isle of Man is being introduced on April 21 by Kodak, Ltd., Kodak House, Kingsway, London, W.C.1.

From that date customers will be able to obtain two discounts, one based on order value and one on turnover in Kodak products. The new structure will not apply to customers supplied by the company's Dublin wholesale branch or to certain others. New terms of business come into effect on the same date.

A change is also taking place in the company's pricing terminology, the term "basic price" replacing the current term "net price." The practice of quoting a list price and deducting a trade discount from it will also cease. "Basic price" will be equal to present list price less present trade discount. Recommended resale prices, where appropriate, will continue to be given.

Order Value Discount

Individual orders for goods to be delivered in one consignment to one address qualify for order-value discount according to the following scale:-

| Value of Order (at basic price excluding purchase tax) | Discount |
|--|------------|
| Less than £50 | Nil |
| £50-249 | 5 per cent |
| £250-999 | 6 per cent |
| £1,000 and over | 7 per cent |

Discounts for motion picture products; processing; repair services, spare parts and certain others continue unchanged. Orders for them will not count towards total order values.

Turnover Discount

| Total Purchases from Kodak Ltd. | Nominated Delivery Addresses | Discount |
|------------------------------------|------------------------------------|------------|
| Less than £5,000 | — | Nil |
| £5,000-19,999 | 1 | 1 per cent |
| £20,000-49,999 | 2 | 2 per cent |
| £50,000 and over | 5 | 3 per cent |

The rate of discount for which a customer qualifies will run throughout a calendar year, and will be determined by the customers total direct purchases of all goods and services from Kodak, Ltd., as recorded in the company's sales

PESTICIDES

Proposed Common Names

COMMENTS on the following proposed names for pesticides are sought by the British Standards Institution. They should be addressed to Mr. D. G. Berry, British Standards Institution, 2 Park Street, London, W.1. Proposed common name is given at left below, chemical name at right.

| | |
|-----------|--|
| Butachlor | 2' - chloro - 2,6 - dimethyl - N - isobutoxymethylacetanilide |
| | 2 - chloro - N - (2,6 - dimethylphenyl) - N - isobutoxymethylacetamide |
| Fonofos | ethyl S-phenyl ethylphosphonothiolothionate |
| | O-ethyl S-phenyl ethylphosphonodithioate |

BUDGET ADVICE

National Chamber Suggestions

A PLEA for taxation allowances for depreciation on commercial buildings is included in the pre-budget submissions to the Chancellor of the Exchequer prepared by the National Chamber of Trade and Retail Consortium. Other submissions concern investment allowances for equipment contributing to greater efficiency, criticisms of the selective employment tax and of the decision not to compensate traders for the heavy costs involved in discarding machines unsuitable for use with decimal currency. Separate submissions by the Chamber refer to the "considerable disincentive effect on the smaller business" of the capital gains tax in relation to goodwill and sales of businesses, the provisions relating to corporation tax on close companies.

MANPOWER NEEDS

Forward planning essential

WITH sales and profits at present planned by the pharmaceutical industry at least five years ahead, manufacturers should plan their manpower requirements at least two years ahead, said Mr. Richard Bailey (general manager, Eli Lilly, France), in the fifth 1968-69 Office of Health Economics winter lecture on February 5. In due course, he added, it would become accepted that future planning for people was as essential as future planning of sales and profits. So far that aspect of forward planning had tended to be neglected. It was especially important in the pharmaceutical industry, which was "people intensive" in the way the other industries were "capital intensive."

IN PARLIAMENT

BY A MEMBER OF THE PRESS GALLERY, HOUSE OF COMMONS

COINCIDING with a special statement on public expenditure that he made on February 20 the Chancellor of the Exchequer (MR. ROY JENKINS) authorised publication of the Vote on Account 1969-70 (H.M. Stationery Office, price 2s. 6d.). In it are disclosed the following estimates:—

ENNAIS (Minister of State for Health) in a written answer on February 24 stated: Fifty-eight million and 57 million respectively of National Health Service prescriptions dispensed by chemists in England and Wales in the period from the reintroduction of charges on June 10, 1968, to November

| Service | 1968-69 | | 1969-70 |
|---|----------------------------------|---------------------|---------------|
| | Original or Revised Net Estimate | Total Net Estimates | Net Estimates |
| | £ | £ | £ |
| Department of Health and Social Security ... | 49,495,200 | 57,374,200 | 65,053,000 |
| National Health Service, etc. (Hospital Services, etc.), England ... | 706,387,932 | 749,657,000 | 799,637,000 |
| National Health Service (Executive Councils' Services), England ... | 278,690,000 | 289,932,000 | 293,364,000 |
| Miscellaneous Health and Welfare Services, England ... | 48,809,698 | 49,520,698 | 51,607,000 |
| National Health Service, etc., Scotland ... | 141,960,175 | 150,386,175 | 158,303,000 |
| National Health Service, etc., Wales ... | 63,756,045 | 68,515,802 | 74,469,000 |
| National Health Service (Superannuation, etc.), England and Wales ... | 1,000 | 2,000 | 1,000 |
| National Health Service (Superannuation, etc.), Scotland ... | 1,000 | 1,000 | 1,000 |

In a White Paper Mr. Jenkins provided details of estimated public expenditure. The estimates for "health and welfare" for 1968-69 are £1,825 million, for 1969-70 £1,876 m. and for 1970-71 £1,958 m. The estimates are based on 1969-70 prices and includes a sum in respect of welfare foods.

Health Centres

MR. A. J. GARDNER asked the Secretary of State for Social Services how many health centres were provided in the period 1962 to 1965; how many had been provided since 1965; and how many were under construction.

MR. ENNAIS, in a written reply on February 24, stated: Seven health centres were opened in England and Wales between 1962 and 1965. Since then fifty-seven have been built and a further sixty-eight are at present under construction.

MR. GARDNER asked the Secretary of State for Social Services what amounts were spent on the provision of health centres in each year from 1962-63 to 1967-68; and what was the estimate for the current year.

MR. ENNAIS: Capital expenditure approved for the provision of health centres by local health authorities in England and Wales was as follows: 1962-63, £134,405; 1963-64, £177,070; 1964-65, £36,448; 1965-66, £342,142; 1966-67, £1,057,004; 1967-68, £2,099,678.

The estimate for the current year is £3.7 million.

New Minister of State for Health

Lady Serota was appointed Minister of State for Health on February 24 succeeding Mr. David Ennals, who has become Minister of State in charge of social security matters, a post made vacant by the death of Mr. Stephen Swingle (see p. 188).

Prescription Charges

MR. E. LEADBITTER asked the Secretary of State for Social Services what were the latest available figures since the reintroduction of prescription charges of prescriptions issued on payment and exemption, respectively. MR. DAVID

30, 1968. Charges for two million items were refunded.

MR. LEADBITTER also asked about the total number of prescriptions issued since the reintroduction of prescription charges to the latest available date; and how that compared with the prescriptions issued for a similar period prior to the reintroduction of prescription charges.

MR. ENNAIS: Precisely comparable figures are not available. One hundred and fifteen million National Health Service prescriptions were dispensed by chemists in England and Wales in the period from the reintroduction of charges on June 10, 1968, to November 30, 1968, and 133 million between June 1, 1967, and November 30, 1967.

Morphine in Linctus

DR. H. GRAY asked the Home Secretary why he had allowed cough linctus containing morphine hydrochloride to be obtained without medical prescription.

MR. ELYSTAN MORGAN (Parliamentary Secretary): Because our law reflects the provisions of the United Nations' Single Convention on Narcotic Drugs, 1961, which does not require preparations of this kind to be available only on prescription.

Retail Prices Report

In a written answer on February 25 MR. ANTHONY CROSLAND (President, Board of Trade) said that the Monopolies Report on Recommended Resale Prices (see p. 181) was a useful one. He accepted in principle the main recommendation that the Government should have power to prohibit recommended prices in selected cases, after investigation. As the Commission recognised the recommendation would require legislation "in due course."

Prescription Charges

MR. LEADBITTER was informed by MR. ENNAIS that 11 million children up to fifteen years of age and more than 6 million persons aged sixty-five and over in England and Wales were exempt from prescription charges.

COMPANY NEWS

Previous year's figures in parentheses

GILLETTE CO., Boston, U.S.A.—The regular quarterly dividend on the common stock is being increased to 35 cents per share from its current rate of 30 cents., effective with the June payment.

UNILEVER, LTD., and UNILEVER, N.V.—Combined sales in 1968 rose 14 per cent. to £2,036m. (£2,022m.) and profits by 20 per cent. to £169.9m. (£142m.).

IMPERIAL CHEMICAL INDUSTRIES, LTD. — Sales for 1968 at £1,237 m. were up by £258 m. on the previous year and profits, before tax were higher by £52 m. at £153 m. Of the year's sales £616 m. (£486 m.) was in the home market and £621 m. (£493 m.) overseas. Exports from the U.K. were valued at £219 m. (£166 m.) The taxation charge is £59 m. (£38 m.) after investment grants credit. Dividend is 2s. 7.05d. per £1 unit (against 2s. 6d.).

BUSINESS CHANGES

THE pharmacy of Dr. J. N. O'Donnell, Amiens Street, Dublin, Eire, has closed down.

S. S. HOLFORD, LTD., 86 Allerton Road, Liverpool, 18, have closed down.

SQUIBB (IRELAND), LTD., have removed to Swords, co. Dublin, Eire (telephone: Dublin 201471).

Directors

COCKER CHEMICAL CO., LTD. — Messrs. Leslie Walker (works manager) and Gordon Watson (chief chemist) have been appointed to the board.

SCHERING CHEMICALS, LTD., have appointed Dr. Michael H. Briggs Ph.D., D.Sc., director of research and development. Dr. Briggs joined the company in November 1966 as head of clinical research. Previously he had held university appointments in Montreal, Canada, Wellington, New Zealand, and California, U.S.A.

GLAXO LABORATORIES, LTD.,

have appointed Mr. P. Scruton, B.Sc., their marketing director. Mr. Scruton previously held a similar appointment with the Phillips Scott & Turner Co. and was also managing director of Phillips Scott & Turner (Ireland), Ltd.



Representatives

REXALL DRUG CO., have appointed Mr. W. E. Golden their sales representative for South Lancashire.

THERMOS, LTD., have appointed to their sales force Messrs. John Tiney (for North London) and J. A. B. Ward (South London).

SOLPORT BROTHERS, LTD., have appointed Mr. L. C. Beaton their representative for Birmingham, South and West Midlands, West Country and Wales. He takes over from Mr. F. Lane who has retired after many years service with the company.

Executives

JEYES PARAZONE SALES, LTD., have appointed Mr. J. Barker, their marketing manager.

Academic

UNIVERSITY OF ASTON IN BIRMINGHAM.—Dr. P. S. J. Spencer has been promoted to reader in pharmacology in the University's department of pharmacy.

PROFESSOR ALAN BATTERSBY (professor of organic chemistry, Liverpool University) has been nominated first holder of a proposed second chair of organic chemistry at Cambridge University. The need for the second professorship has been recognised for some time, but has, for reasons of economy, only now been acted upon. Now Roche Products, Ltd., have agreed to give £7,000 a year for the next five years. The first professorship is held by Lord Todd. Professor Battersby's early work was centred largely on the structure and synthesis of natural products of the alkaloid group. His work on the emetine and curare groups was regarded as outstanding.

UNIVERSITY OF BRADFORD.—Dr. W. E. Court, B.Pharm., M.Pharm., Ph.D., F.P.S., has been appointed reader in pharmacognosy as from July 1. Dr. Court is at present principal lecturer in the school of pharmacy, Liverpool Regional College of Technology. He graduated in July 1949. His subsequent researches in pharmacognosy led to the degrees of M.Pharm. (Nottingham) in 1958 and Ph.D. (London) in 1966. Dr. Court has conducted researches in depth in the field of rauwolfia. He was visiting professor of pharmacognosy in the University of Saskatchewan, Canada, in 1963-4. He is a past chairman of the Merseyside Branch of the Guild of Public Pharmacists and a committee member of the Liverpool Branch of the Pharmaceutical Society.

UNIVERSITY OF KHARTOUM.—Dr. M. B. Patel, B.Sc., F.R.I.C., B.Pharm., F.P.S., F.L.S. (head of the department of pharmacognosy, Faculty of Pharmacy, University of Khartoum, Sudan), has been promoted to the status of a professor in pharmacognosy in that University. Dr. Patel joined the University in 1964 and in 1965 was promoted to a readership. The department of pharmacognosy has recently moved into modernised accommodation providing adequate facilities for teaching and research. An active programme of research work on Sudanese medicinal plants is being undertaken under the direction of Professor Patel. Professor Patel studied pharmacy in the University of London and was lecturer in pharmacognosy in the Nigerian College of Technology, Ibadan, before moving to Khartoum. His Ph.D. researches were on Nigerian medicinal plants.

PERSONALITIES

MR. J. P. BANNERMAN (a member of Council) and his wife were passengers on the Viscount aeroplane from Glasgow that crash landed at Castle Donnington on February 20. Though badly shaken in the crash they escaped through an emergency window of the aircraft. They were on their way to attend the annual dinner and dance of the Leicester Branch of the Pharmaceutical Society.

MR. M. G. FLOWER, who took over a pharmacy in Market Place, Oundle, Northants, about eighteen months ago, has been elected president of Oundle Chamber of Trade. He qualified in 1953 and was previously working in Essex before moving to his present location.

MR. C. H. CRAWSHAW, proprietor of Central Station Pharmacy, Birkenhead, Ches, is retiring in May. Mr. Crawshaw, an ex-president of Birkenhead and Wirral Pharmacists' Association, established his business in Birkenhead thirty-five years ago, and before that was manager of a chemist's shop in Stockton Heath. He has been a Birkenhead magistrate since 1950.

MR. A. G. FISHBURN (manager, pharmaceutical department, Imperial Chemical Industries, Ltd.), is retiring on March 31 after more than twenty-five years' service with the company. Mr. Fishburn is a Fellow of the Pharmaceutical Society and of the Royal Institute of Chemistry. In 1965 he was awarded the Pharmaceutical Society's Harrison Memorial medal as the British pharmacist who, in that year, made a significant contribution to the science and practice of pharmacy, and the following year was appointed a member of the British Pharmacopoeia Commission. Mr. Fishburn is the author of "An Introduction to Pharmaceutical Formulation." His successor is DR. G. W. DRIVER, who returns from a period of secondment to the I.C.I. research and development department. Before the secondment he was manager of the division's development department.

LADY SEROTA, who has been appointed Minister of State at the Department of Health and Social Security (see p. 187) has had an active career in public service, including work at the Ministry of Fuel and Power during the 1939-45 war. She has been a member of Hampstead borough council and of the London County and Greater London Councils. From 1952 to 1964 she was a member of Archway Group Hospital Management Committee, and has served on the Seeborn Committee on local authority social services. Lady Serota is currently chairman of the Health Education Council. She was raised to the peerage



in 1967 and in April 1968 was appointed a Baroness in waiting, succeeding Lord Sorensen as Labour whip in the House of Lords.

DEATHS

BOYD.—On January 27, Mr. James Spence Boyd, M.P.S., 29 Belhaven Street, Port Glasgow, Renfrewshire. Mr. Boyd qualified in 1938.

CARRINGTON. — On February 21, Mr. Edward Alexander Carrington, Long Meadow House, Bakewell, Derbys. Mr. Carrington, who qualified as a chemist and druggist in 1928, was for many years a representative for Burroughs Wellcome & Co., 183 Euston Road, London, N.W.1.

COPE.—On February 15, Mrs. Bessie Vera Cope, M.P.S., 8 Parsonage Street, Dursley, Glos. Mrs. Cope, who qualified in 1904, decided to follow in the footsteps of her father and grandfather in becoming a pharmacist, and her death marks the end of her family's 117-year association with pharmacy.

GRIEVE.—Suddenly, on February 19, Mr. R. J. W. Grieve (director of production, White Laboratories, Ltd.). Mr. Grieve spent over forty years in the pharmaceutical industry. Before joining White Laboratories he had been a director of Potter & Moore, Ltd., and previously of Warrick Bros., Ltd. He is survived by his widow, one son and one daughter.

MILLS.—Recently. Mr. Hector Douglas Thomas Mills, 12 Edinburgh Avenue, Werrington, Peterborough, Northants, aged forty-nine. Mr. Mills, manager for a number of years for Jean Sorelle, Ltd., had been with the organisation since he left school. He moved to Werrington five years ago when the company was taken over by Dunbee-Combex-Marx, Ltd.

SWINGLER. — On February 29, after a heart attack, Mr. Stephen Swinger, Minister of State, Department of Health and Social Services, aged fifty-three.

EXPANSION PROJECTS

MATTHEY BISHOP, INC. (the principal operating company of Johnson Matthey in the United States), have announced plans for developing a multi-million-dollar chemical manufacturing complex at Winslow Township, Camden County, New Jersey, U.S.A.

A GROSS capital expenditure of £7.3 million is planned by Kodak, Ltd., in 1969. Major projects include continuation of work on the company's new head office at Hemel Hempstead, Herts; expansion of capacity in film coating and film and paper finishing at the Harrow factory; inception of plant to manufacture hydroquinone at the Kirkby chemicals factory; and the installation of additional equipment for packing and processing Super-8 colour film at Harrow and Hemel Hempstead respectively. Because of U.S. Government restrictions on investments outside the U.S., Eastman Kodak in 1968 placed convertible debentures totalling £29 million with overseas investors and capital from that source has permitted essential projects to proceed.

GIFT LINES FOR THE CHEMIST TO SELL

Ideas from Blackpool for cosmetic and sundries departments

THE twentieth International Gifts Fair was held at Blackpool at the beginning of February and the exhibits included many items that could find a place among merchandise sold by chemists.

ALADDIN INDUSTRIES, LTD., Greenford, Middlesex, were showing their new family of flasks from the little-brother 8-oz. size to the jumbo 32-oz., with 16-oz. and 23-oz. sizes in between. EKCO PLASTICS, LTD., Ekco Works, Southend-on-Sea, Essex, displayed new ranges of bath racks and their luxury bathroom and toilet accessories patterned with a new blue rose decoration. GRIMWADES, LTD., Norfolk Street, Shelton, Stoke-on-Trent, Staffs, introduced a new large-sized inhaler.

A new handkerchief posy bowl shown by CHANCE BROS., LTD., Glass-works, Smethwick, Warley, Wores, attracted a great deal of attention from visiting buyers and more were sold during the Fair than the company had anticipated selling during the whole year.

AIDEES OF TORQUAY, 5 Palk Street, Torquay, Devon, introduced a new range of pomander balls and a new handkerchief and perfume set in their popular Devon Violets fragrance. SCANWARE, LTD., 15 South Wharf Road, London, W.2, were showing novel spice racks and two new ranges of costume jewellery: a British-made range in stainless steel and a copper-plated range from Australia. New ranges of children's tableware in break-resistant Melamine, some decorated with characters from popular television shows, were displayed by B.I.P. GAYDON, Streetly Works, Sutton Coldfield, Warwicks.

Hairbrushes with Car Motifs

Military brushes with attractive vintage car motifs on leather backs and dressing-table sets decorated with Genoese velvet, embroidery and Panashell were among additions to the Combro range shown by COMBE BROS., LTD., 19 George Street, Birmingham, 12. JAMES KENT, LTD., Old Foley Pottery, Longton, Stoke-on-Trent, Staffs, displayed a wide assortment of pottery fancies including children's and souvenir ware, bathroom jars, powder bowls, tumblers, toothbrush holders and so on. A particularly attractive decoration, just reintroduced after a

lapse of fifty years, is taken from an original engraving of an early 19th century print of pastoral England.

SPA BRUSHES, LTD., Chesham, Bucks, introduced new gift sets, a range of new suede brushes, and several new presentations for their existing ranges.

ALFRED FRANKS & BARTLETT CO., LTD., 276 Vauxhall Bridge Road, London, S.W.1, displayed a new range of fashion sunglasses together with their Bartex guaranteed polarised series. Instant party sets comprising metal drinks tray, six laminated table mats,



Party set of Xlon, Ltd.

three paper table cloths and twenty paper napkins attracted considerable attention on the stand of XLON, LTD., 323a Kennington Road, London, S.E.11.

Chive green and russet are two new colours introduced by PRICES CANDLES (DISTRIBUTORS), LTD., 87 South Lambeth Road, London, S.W.8, in their Venetian range and new pottery candle holders were also featured on the stand. Chunky 4-in., 6-in. and 12-in. candles in gleaming jewel colours made their debut on the stand of DEREK HUDSON & Co., The Cross, Coal Aston, Sheffield, S18 6AL, who were also showing Custom holders in a variety of finishes to take the candles.

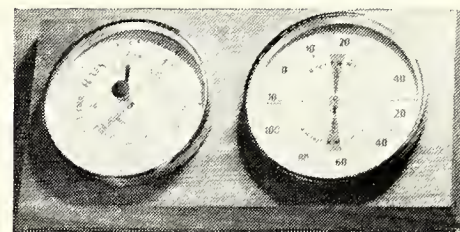
A matching trio for the bathroom in gold-plated mesh and thickly encrusted with jewels, displayed by BICK OF MAYFAIR, LTD., 18 Fortune Green Road, London, N.W.6, comprised a cover for the large-size can of hair spray; a holder for a large box of tissues; and a matching container for the bathroom deodoriser.

KIGU, LTD., Waldo Works, Waldo Road, London, N.W.10, introduced a new convertible compact with black top effectively decorated with bold diamond cutting. The compact will take

most sizes of solid powder refills and is supplied individually boxed complete with puff, sifter and pochette. A shaving mug in a handsome presentation box was shown by ELIJAH COTTON, LTD., Lord Nelson Pottery, Commercial Road, Hanley, Stoke-on-Trent, Staffs, who were also exhibiting character jugs and other pottery gift lines.

ANDRE PHILIPPE, LTD., 71 Bowan Avenue, Fulham, London, S.W.6, introduced a new baby swan bubble bath. NICHOL BEAUTY PRODUCTS, LTD., Old Farm Avenue, London, N.14, were showing wig cases in gift packs. VAN STRATTON, 11b All Hallows Road, Bisham, Lancs, displayed lizard-skin jewellery, and W. B. MUDDERMAN & SON, LTD., Brutus House, 51 Fore Street, Totnes, Devon, displayed a variety of New Zealand-made gift items including barometers. A folding tail comb produced in two designs and a variety of finishes was shown by SEARCHLIGHT PRODUCTS (MELISSA), LTD., Arundel Road, Uxbridge, Middlesex.

BRITISH ROTOTHERM, LTD., Deburgh Road, London, S.W.19, introduced a new range of weather instruments for

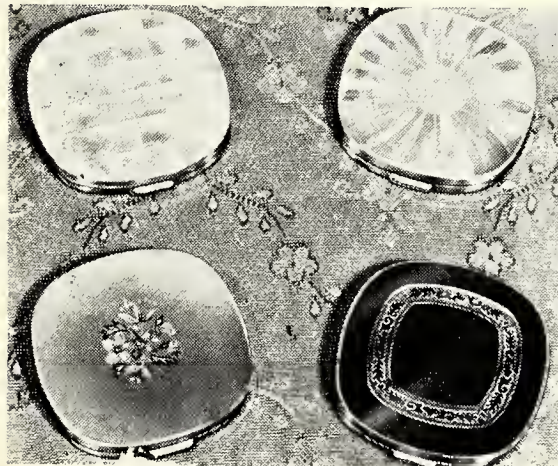


Rototherm barometer and thermometer set.

the home in a variety of specially designed mounts. "Home weather stations" permit quick and accurate readings of temperature atmospheric pressure and humidity to be taken.

The Fleur exclusive brush set, designed by a leading British designer, was among new lines displayed by MAURICE JELLINEK, LTD., Island Farm Avenue, West Molesey, Surrey. ROSITA PURSES, LTD., 198 Cheetham Hill Road, Manchester M8 8NA, displayed a child's safety belt made from orange-coloured luminous plastic material and attached to a peggy purse.

A. S. BROWN & Co. (MANUFACTURING), LTD., were showing a range of brush sets, powder compacts, handbag atomisers and other accessories. New 1969 designs created by the company's



1969 DESIGNS: New powder compacts and a hairbrush set designed and made by A. S. Brown & Co. Manufacturing, Ltd., 79 Coborn Road, London, E.3.

resident artist are in fashionable colours. A new mirror lipstick accommodates nearly every present-day lipstick case. The most individual success this year has a handbag atomiser with unique locking action. A selection of handbag mirrors, pill boxes, lipstick cases, etc., most of them in matching finishes and a range of brush sets in more than 400 different designs

made up the company's product display.

The Council of Industrial Design, 28 Haymarket, London, S.W.1, featured the award-winning designs in the Investiture souvenir competition organised by the Council of Industrial Design and the Welsh Office in association with the Wales Tourist Board. The winning souvenirs, 184 in all, came from sixty-two manufacturers.

TRADE NOTES

Still Manufactured.—Pharmaceutical Specialities (May & Baker, Ltd., Dagenham, Essex), state that they are still manufacturing Lipidol Ultra fluid (corrected note).

Corrected Address.—In the Sunglass supplement (C. & D., February 22) the address for Oliver Goldsmith was given incorrectly. It should be Poland Street, London W1V 4BL.

Vial Packs Too.—Wright Layman & Umney (Sales), Ltd., 43 Clapham Road, London, S.W.9, announce that a pack of 2 doz. vials (each 1s. 6d.), for normal or hard-to-hold hair, are now available in addition to the normal bottle of Fix hair-setting lotion and the aerosol.

Price List Correction.—As the result of a printing error in last week's supplement to the Q.P.L. (p. 11) the line reading Elation (385DG) became transposed. Its correct position should be below the four-line entry for Dygon and immediately above the line reading "bath essence 25cc. intro."

The Full Formula.—Wallace Laboratories division of Carter-Wallace Ltd., Folkestone, Kent, point out that the full formula for their Diovol forte tablets is:—Aluminium hydroxide and magnesium carbonate co-dried gel, 300 mg; magnesium hydroxide 100 mg; dimethylpolysiloxane 250 mg.

Now Labelled with Expiry Date.—Lederle Laboratories division of Cyanamid of Great Britain, Ltd., Bush House, Aldwych, London, W.C.2, are now supplying calcium Leucovorin with an expiry date printed on every ampoule. Undated material should be destroyed or returned for replacement or credit.

Distribution Changes.—Thos. Christy & Co., Ltd., North Lane, Aldershot, Hants, have acquired the sole distribution rights in the United Kingdom for Harriet Hubbard Ayer cosmetics. Messrs. Christy have acquired premises at 30 Curzon Street, W.1, for offices, showrooms and a training school for Harriet Hubbard Ayer consultants.

A 500-tablet Pack.—On March 3, Geigy (U.K.), Ltd., pharmaceuticals division, Huddersfield Industrial Estate, Macclesfield, Ches, are introducing, in order to meet the considerable increase in demand for Tegretol in the treatment of grand mal, temporal-lobe epilepsy and trigeminal neuralgia, a pack of 500 tablets of the product.

Now Boxed.—The newly shaped 135-gm.-bottle of Protei-gel styling lotion introduced a few months ago is now being sent out boxed, say the manufacturers, Nutress Laboratories, Ltd., Newcastle upon Tyne. Distributors are Jackel & Co., Ltd.,

Kitty Brewster Estate, Blyth, Northumberland.

Pills in Tablet Shape.—De Witt's pills are now being issued by the manufacturers, E. C. De Witt & Co., Ltd., P.O. Box 3, Cherry Orchard Road, East Croydon, CR9 6HD, in new tablet shape. The formula is unchanged. The new method of manufacture is claimed to give even greater accuracy in dosage, and to make the pills even more effective and quicker in action.

Additions to Range.—André Philippe, Ltd., 71 Gowan Avenue, London, S.W.6, have added to their bubble-bath range lot No. 1, Baby Swan dimple bubble bath (assorted, six colours) (2s. 3d.), a smaller version of lot No. 3, which has been a most successful and leading line for many years. The company's crystal clear lacquer refill bottle (contents 92 c.c.) returns to the list.

Patent Extension Applied For.—Brocades (Great Britain), Ltd., Trend House, Pyrford Road, West Byfleet, Surrey, have put in an application for an extension of term of British Patent No. 743495, which protects the chemical compound known under the generic name Orphenadrine. Messrs. Brocades are the sole authorised source of supply of the product in the United Kingdom and Northern Ireland. It is issued under the brand name Disipal.

Available as Water-dispersible Product.—Glaxo Laboratories, Ltd., Greenford, Middlesex, state that, when new metric packs are introduced on March 3, Adexolin liquid will become available as a water-dispersible preparation. Active constituents are unchanged. The oily form is being discontinued. Messrs. Glaxo also announce that Neomin liquid is being reformulated to contain 100 mg. of neomycin sulphate. The product is being renamed Neomin elixir.

"By Public Request."—When letters and requests poured in to Dorothy Gray, Ltd., Marshall Road, Hampden Park, Eastbourne, Sussex, after they discontinued in 1966 a lipstick shade called Porcelain Pink, "we listened," they say. So Porcelain Pink (9s. 6d.) returns to the market in March as part of the Elation make-up collection, and in Elation gold-and-white case. Another "return" is the Eye Essentials kit now included in the standard Dorothy Gray series, a handbag-size compact (26s.) containing four brush-on powder shadows, two brush-on eyeliners, a jumbo mirror, and a double-ended brush-applicator. The colours are new, Moonfrost (pearly white), Minkfrost, Azurefrost and Emeraldfrost in the shadows; and Taupe and black in the liners.

Brought in from U.S.A.—Bristol-Myers Co., Ltd., 14 Stratford Place, London, W.1, announce that the introduction of their new antiperspirant aerosol Fresh & Dry has been highly successful. As, however, no United Kingdom manufacturer is yet able to supply the special aerosol can required, all containers are being specially flown in from the United States. For a limited period Messrs. Bristol-Myers will be overwrapping American cans produced for Ban deodorant in the United States. The United Kingdom product has the identical formulation but carries a descriptive brand name conceived for the British market and is marketed as a Mum product. The British company, having taken legal advice, are satisfied that such overwrapping in no way infringes the law. They will continue for as long as necessary to fly in cans for product manufacture in the Republic of Ireland. It is planned that U.K. manufacture of cans shall take place at the earliest possible opportunity.

Bonus Offers

ALBERTO-CULVER Co., 44 Newington Causeway, London, S.E.1 FDS (feminine deodorant spray). Seven aerosols invoiced as six.

CHESEBROUGH-POND'S, LTD., Victoria Road, London, N.W.10. *Odorono aerosol deodorant spray*. Twelve invoiced as eleven. *L'Oniglex nail polish remover*. Twelve invoiced as eleven. Both until April 30.

CUXSON, GERRARD & Co., LTD., Fountain Lane, Oldbury, Warley, Worcs. Carnation corn caps. 150 wallets invoiced as 140; 180 as 168; 210 as 196; 240 as 224; 270 as 252; 300 as 260; each 30 wallets over 300 invoiced as twenty-six.

PHARMACEUTICAL SPECIALITIES (MAY & BAKER), LTD., Dagenham, Essex. *Anthical lotion* (60 ml); *Anthical cream* (25 gm.); *Anthisan cream* (25 gm.); *Avomine tablets* (10). Ten of each product (in display outer invoiced as nine. April 1 to August 31. Winter bonus on Tixylx or Phensedyl ends February 28.

SCOTT & BOWNE, LTD., 50 Upper Brook Street, London, W1Y 2AE. *Fenjal* in wire merchandiser. Six small-size free with combined order for six small-size, six standard, one economy; two small decanters; six soap and six talc. Any other twelve Fenjal items ordered additionally (except sachets) invoiced at eleven. *Pretty Fcct.* Three lotion in "roll-on" free and tax-free with order for special counter merchandiser containing in all twelve lotion in bottle; twelve lotion in "roll-on" and six gel. [Corrected note.]

SOPHISTIQUE, LTD., New Road, Winsford, Ches. *Sophistique spray deodorant*. Thirteen invoiced as twelve. *Top Note hair spray*. Fourteen invoiced as twelve. Each on minimum 6-oz. order. Till March 31.

WELLA (GREAT BRITAIN), LTD., Grenville House, Euston Road, London, N.W.1. Wella hair spray. Thirteen 18-oz. invoiced as twelve; fourteen 8-oz. or 3 oz. invoiced as twelve. For eight weeks from February 28.

Premium Offers

LENTHERIC, LTD., 17 Old Bond Street, London, W.1. "Tweed Spring festival." Tweed Bouquet Spray. In a special glass aerosol (diamond-cut bottle with green cap and green-and-white label) at special price of 17s. 6d. Tweed Bouquet. Tin of Tweed talc (9s. 11d.) banded to 1-oz. bottle (16s.) at combined price of 16s. Both for limited period.

TONI Co., 101 Syon Lane, Isleworth, Middlesex. New Toni boutique enables consumer



to purchase "self-liquidating" premium products at special prices. A "dolly head" symbol is featured prominently on all display material. First offer is of hair pieces and wigs.

YARDLEY OF LONDON, LTD., 33 Old Bond Street, London, W.1. Beauty Magic, outsize jar (210 c.c. against 76 c.c.) at price of standard container (15s. 9d.).

Metricated

JOHN WYETH & BROTHER, LTD., Huntercombe Lane, are now issuing Penindural oral suspension in pack of 100 ml to replace 60-ml pack.

LEDERLE LABORATORIES, division of Cyanamid of Great Britain, Ltd., Bush House Aldwych, London, W.C.2. Aquamox tablets, 50 mg. Pack of twenty-five. Aquamox R tablets, 50 mg. Pack of 25 (packs of 100 of both products continue available).

MEDO-CHEMICALS, LTD., 144 Fortress Road, London, N.W.5. All liquid preparations are being labelled in terms of 5-ml doses.

MERCK SHARP & DOHME, LTD., Hoddesdon, Herts. Periactin syrup. Now in bottle of 100 ml.

B.D.E. PHARMACEUTICALS, LTD., Birkbeck Street, London, E.2. Colliron 150 ml and 1 litre; Coscopin, 150 ml and 1 litre; Coscopin Paediatric, 150 ml and 1 litre; Extil syrup, 150 ml; Ferlucon elixir, 150 ml and 1 litre; Dilo-syn syrup, 150 ml; Entacyl suspension, 150 ml; Kyanesin elixir, 150 ml.

GLAXO LABORATORIES, LTD., Greenford, Middlesex. Crystapen V syrup, 62.5 gm. 5 ml and Crystapen V suspension, 125 gm. per 5 ml. 100 ml. Syrup Minadex 200 ml and 2 litre; Cytacyn liquid, 200 ml and 2 litres; Fersamal syrup 200 ml; Adexolin liquid, 25 x 10 ml, 10 ml and 50 ml; Triclorol syrup, 100 ml, 2 litres; Neomin elixir, 100 ml.

Competitions

JEYES GROUP, LTD., High Street, Plaistow, London, E.13. In a "Catch Jejes' Millionaire Mania" competition open to stockists who purchase ten cases of any Jejes products, there is a choice of twelve prizes, including a world cruise, a new yacht, the use of a Rolls-Royce and chauffeur for a year, etc.

LILIA-WHITE (SALES), LTD., Charford Mills, Birmingham 11. Golden Baby disposable nappies. Ten top prizes each a week's free holiday for up to four at Pontins holiday camp. One hundred consolation prizes of beach bags. Contestants must send in the most lively photograph of their child with two empty Golden Baby packets plus completed entry form.

Discontinued

BAYER PRODUCTS CO., Winthrop House, Surbiton, Surrey. Campolon and Campolon forte injectable liver extract (when present stocks are exhausted).

BENCARD, Great West Road, Brentford, Middlesex. Benazma linctus anti-asthmatic (all sizes); Phenidex antiseptic and antibiotic lozenges.

BRISTOL LABORATORIES, LTD., Stamford House, Langley, Slough, Bucks. Bufferin. Pack of twelve Bufferin (packs of thirty-six, 100 and 500 continue available).

GLAXO LABORATORIES, LTD., Greenford, Middlesex. Triple Antigen (diphtheria, tetanus and pertussis vaccine). Three 1-ml ampoules and 10-ml vial (packs of three 0.5-ml and 5-ml vials continue available). Seclomycin. Ten single dose vials and 100 vials. Fersolate tablets, 1,000 (pack of 100 continues available).

HORLICKS PHARMACEUTICALS, LTD., Orchard Lea, Winkfield, Windsor, Berkshire. Gavocin (8 and 80 fl. oz. packs).

IMPERIAL CHEMICAL INDUSTRIES, LTD., pharmaceuticals division, Alderley House, Alderley Park, Ches. Icipen syrup, 30-ml pack (60-ml and 100-ml packs continue available).

MERCK SHARP & DOHME, LTD., Hoddesdon, Herts. Periactin syrup 4 fl. oz. and 16 fl. oz. packs.

NICHOLAS PRODUCTS, LTD. RENNIE, pack of 150. Introduced at the request of consumers this pack has not proved to be economic despite overall increased sales for Rennie (12's, 25's, 50's and 100's continue available).

FEIZER, LTD., Sandwich, Kent. Cortril topical ointment, non-greasy, 0.5 per cent. (15-g tube continues available, as a 15-g tube and 50-g jar of Cortril topical ointment, non-greasy, 1 per cent. and 2.5 per cent, and 15-g tube of greasy, 1 and 2.5 per cent.).

NEW PRODUCTS AND PACKS

PHARMACEUTICAL SPECIALITIES

New Pack.—Boehringer Ingelheim, Ltd., Isleworth House, Great West Road, Brentford, Middlesex, have introduced a new pack of 1,000 tablets Bisolvon 8 mg. The new pack becomes available from March 1 at a trade price of £16 16s.

A Stronger Presentation.—In response to a growing demand from hospital practitioners for a 4-mg single dose Nacton tablet, Bencard, Great West Road, Brentford, Middlesex, have made available Nacton Forte 4 mg in addition to Nacton 2 mg. Nacton Forte is presented as a small peach-coloured, scored, name-imprinted tablet in pack of 100.

OVER-THE-COUNTER MEDICINALS

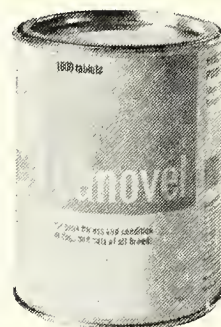
Cough Sweets in Pocket Packs.—Trentham Laboratories H.T.L. (Nottingham), Ltd., Easthorpe House, Loughborough Road, Ruddington, Nottingham, are marketing under the name "pocket packs" four varieties of medicated cough sweets (1s. each). The sweets are stated to be of traditional flavours and sufficiently medicated to give temporary relief to mild coughs and throat conditions while remaining pleasant to suck. "Pocket packs" are available through the company's distributors: Potter & Moore division of E. C. de Witt & Co., Ltd., Lavender House, Seymour Road, London, E.10. Each display outer (3 doz. packs) takes up only 17 sq. in. of counter space in the pharmacy.



NEW PACKS: Pack of fifty Aspergum now available from White Laboratories, Ltd., Penarth Street, London, S.E.15. The pack may be used for dispensing purposes say the manufacturers of the product. It is more usually sold over the counter (7s.). A larger pack of 250 is available for dispensing purposes. At right is new pack of twenty-four Feen-a-mint (also available in 12's) in 1-doz. display outer.

VETERINARY SPECIALITIES

New Pack Size.—Beecham Veterinary Products, Great West Road, Brentford, Middlesex, are making available packs of 200 tablets (12s. 6d.) and 1,000 tablets (50s.) of their product Canovel. The tablets are reduced in size for greater convenience in administration without detriment to their nutritional value. Canovel tablets have long been recognised state Messrs. Beecham, as a valuable nutritional supplement for dogs and cats, providing factors lacking in an everyday diet. Supplies of the repacked product are available from wholesalers.



COSMETICS AND TOILETRIES

Packs Redesigned.—New packs have been introduced for Alberto VO5 hair sprays (regular, hard-to-hold, super-hard-to-hold and spray-for-grey), manufacturers of which are the Alberto-



Culver Co., Culver House, 44 Newington Causeway, London, S.E.1. The sprays are available in 6-oz. (7s.), and 10-oz. (11s. 6d.) sizes. The spray-for-grey variant is in an 8-oz. pack (11s. 6d.).

Now in an "Up-to-the-minute" Tube.—Morgan's hair-darkening cream is now issued by Morgan's Pomade Co., Ltd., Colewood Road Industrial Estate, Swalecliffe, Whitstable, Kent, in a stand-up tube, easy to use at home, ideal for travelling, instead of in the familiar old dark glass jar. Light and unbreakable, the tube takes up less shelf space and is neater all round. The tube (7s. 6d.) holds 100 gm. and is in a handsome carton.

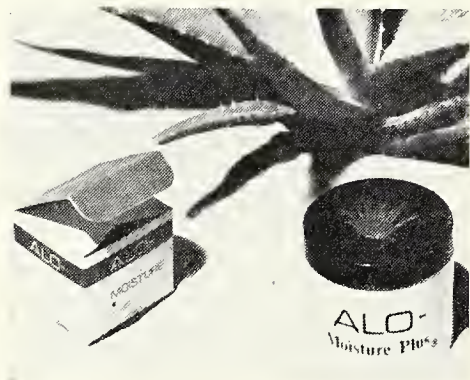
Shampoo-in in Soft Colours.—In a new product Tried & True, Max Factor Hollywood and London (Sales), Ltd., 16 Old Bond Street, London, W.1, claim to have introduced a totally new concept of colour blending that "ends brassy blondes, muddy browns and inky blacks." The user is able to choose



Items in new Tried & True soft-colour shampoo-in kit launched by Max Factor Hollywood & London (Sales), Ltd.

between matching her present hair colour, going lighter and brighter in true soft tones, or going darker and richer also in soft colours that "never go darker than the colours you select." Tried & True may also be used to cover grey with soft natural colour. The product is sold as a complete kit containing everything necessary for the shampoo-in and ensuring automatic timing and conditioning of the hair. A feature of the range is that it may be used with specially designed Max Factor cosmetics. Advice is offered by the makers as to the choice of matching colours.

Natural Cosmetics from Florida.—Alo- Moisture Plus night cream is one item in a range of natural beauty preparations introduced from Florida by Alo-Cosmetics, Ltd., 27 Old Bond Street, London, W.1. The product is formula-



ted from a crystal-clear gel extracted from *Aloe vera*, and is claimed to have exceptional moisturising qualities "that work for hours after application." Light and "fluffy-textured," the cream is absorbed into the skin on being applied, leaving it supple and smooth but not greasy. Illustration shows the 4-oz. jar (53s. 6d.) Also available are a 2-oz. jar (29s. 6d.) and a 1-oz. (16s. 6d.).

Shampoo and a Hairspray.—E. R. Holloway, Ltd., Oldings Corner, Hatfield, Herts, have introduced in their Ambray range six new shampoo packs (family, egg and lemon, cream, beer, medicated (3s. 4d. each) and children's (4s. 6d.)). The products are described as "low-price and high quality" shampoos and are presented in large clear shatterproof bottles. Messrs.

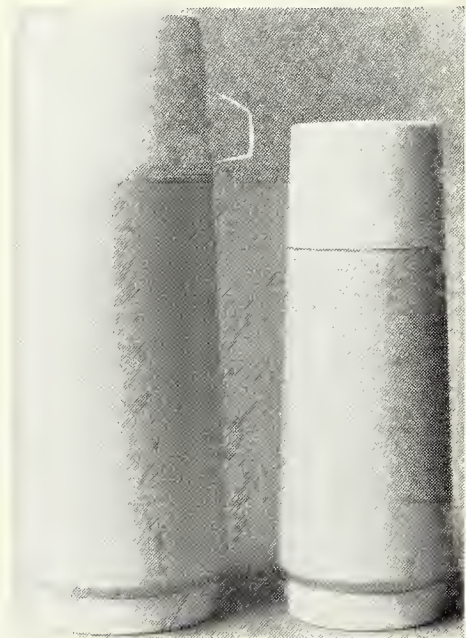
Ambray are also entering the hair-spray market with a non-sticky, crystal-clear product at a moderate price (3-oz., 3s. 11d.; 12-oz., 7s. 11d.). The spray is sent out in colourful free "dispenser."

(32s. 6d.). It now comes in two "trendy and colourful" patterns in



which the familiar Tommee Tippee bears are used to decorate a washable white PVC material. The draw-string holdall is also made up in pastel shades of pink, blue and primrose nylon seersucker, "check" design (44s. 6d.).

Vacuum-flask Range Redesigned.—The British Vacuum Flask Co., Ltd., Wilson Road, Huyton, Lancs, have launched a redesigned range of vacuum flasks that are exclusive to chemists and marketed only through chemist whole-



salers. Features are new screw stoppers, new handled cups and an exclusive surface design on metal flasks in 16-oz. 23-oz. and 36-oz. sizes. A new Plusmilk family-size flask has a separate clip-on 7 oz. milk container (giving a total capacity of 43 oz.). Other new models are plastic 8-oz. and 16-oz. flasks which introduce blow-moulding techniques to British-made vacuum flasks. The characteristic "satin" finish of blow moulding helps to avoid the "plastic appearance" associated with many domestic utensils.

INFORMATION WANTED

The Editor would appreciate information about:
Dual-Lax

Eyelashes for Lower Lids.—Latest addition to the Outdoor Girl range of false eye-lashes distributed by Myram Picker, Ltd., Hook Rise, Surbiton, Surrey, is Underlash for lower lids (11s. 6d.). The lashes, which are in black and brown, are graded in sizes so as to look natural in use when matched to the wearer.

SUNDRIES

Deodorant Liquid.—Gerhardt-Penick, Ltd., Thornton Laboratories, Purley Way, Croydon, CR9 3BE, Surrey, have launched in their Fresh'n Dainty range a deodorant liquid (8s. 7½d.) designed essentially for use on a moistened cloth or sponge for cleansing and deodorising the outer vaginal area.

Wiping Cloths from Finland.—The range of disposable products from Finland for mother and baby now being marketed by Saville International, Ltd., 53 Chancery Lane, London, W.C.2, comprises wiping cloths that double as nappy liners; cot sheets, cot blankets, pillows and a polythene-laminated cross-sheet, all of which are disposable. They are made from a soft but strong non-woven rayon fabric. Single-bed size sheets are also available that are both hygienic and labour-saving.

Kitbag Holdall.—Jackel & Co., Ltd., Kitty Brewster Estate, Blyth, Northumberland, have given a new look to their Tommee Tippee kitbag holdall

Correspondence

Letters when received must bear the name and address of the sender, not necessarily for publication. The Editor does not hold himself responsible for the views expressed.

Metrication

SIR,—Top marks to the Chancellor! The vital 5-ml plastic spoon bears purchase tax at 13 per cent.

J. S. CLARKE,
Weston-Super-Mare, Somerset

SIR,—Can any of your readers suggest the correct way to dispense the following prescription in metric terms.

Phenergan elixir 10 oz.
Syr. Largactil 4 oz.
Sol. chloral 1-3 2 oz.
Sig. $\frac{1}{2}$ fl. oz. nocte.

H. G. M. OSBOURNE,
Twickenham, Middlesex

SIR,—“BEWARE the Ides of March” was Caesar’s warning.

All pharmacists take heed upon the Third,
From thence no drachms or minims may
you measure.

From weighing grains or scruples be
deterred.

One wonders if the old familiar mixtures
Converted with your knowledge and your
skill

Will ever be considered so effective
When swallowed by the statutory mil.
M.R.

SIR,—I have been reading the expressed views of many colleagues during the past weeks about doctor dispensing and N.H.S. remuneration scales. I agree entirely with any move to stop doctors dispensing (or their backroom girls) and to receive just reward for our efforts. However, I am at a loss to understand letters demanding that doctors should prescribe in the metric system. They have had many years in which to learn to prescribe in the apothecaries’ system, but it is still a puzzle to some. What sort of mess will some of them make of the metric system? Just imagine the volumes and weights we are going to get! I have seen prescriptions where the apothecaries’ formula has been transferred *exactly* to metric. Can anyone weigh out 3.8879 G.? I am pleased that we shall be able to dispense a correctly proportioned mixture, easy to weigh and measure, if the doctor persists in the old system. I would like to see our powers extended further to make peculiar volumes like 110 ml, etc., to a standard volume of 100 ml or nearest standard bottle. I would then proceed to substituting brand types, especially in antibiotic therapy. That, however, is admittedly controversial, and I will not expand the suggestion.

E. C. YORK,
Dronfield, Sheffield

Not Really Medicinal

SIR,—I have come to the conclusion that I. M. A. Nutter, F. W. Fawcett and E. J. Shortt are all under a grave misapprehension. After listening to Lily the Pink’s musical advertisement this morning (Radio 3), I can understand some confusion. A good pharmacist (are there any others?) would naturally assume it was a “medicinal” compound, but I observed a slight differ-

ence—the “advertisement” distinctly referred to “Merdissinul” compound. I submit that that is something quite different!

H. E. WHITWELL,
Peterborough, Northants



“How do I know you’re telling the truth when you say you’re waiting for supplies of anti-Mao ‘flu vaccine?’”

An Open Letter to Manufacturers

SIR,—Conclusions of Merchandising and Marketing Developments, Ltd., (see *C. & D.*, February 1, p. 94) state “. . . among other things, the retail pharmacist is apathetic or resistant to manufacturers’ promotions and does not display them well or at all. Because of this they will have to be promoted to supermarkets”. It has not occurred to them that there are genuine reasons why their goods are not promoted and that apathy simply does not enter into it. Let us first see why a particular product is asked for. The promoter would like to think that it is because it has become widely advertised and the name has become familiar. But is this necessarily a good reason? Have the contents no bearing at all upon the choice? Most manufacturers even send their promotions to pharmacists without attempting to disclose the contents, yet this should be the main reason for displaying and selling them! One manufacturer went so far as to expect us to display a showcard on which were three named nurses, complete with photographs and their recommendations for his cough mixture. Recommendations are our prerogative and our responsibility. Pharmacies are unlike other shops and their method of selling is different because of the nature of the goods they sell. It is not unusual to recommend that no purchase should be made at all. Could this happen in a supermarket, where the sole purpose is to sell regardless of any suitability? There can be no sense of responsibility towards drugs in the surroundings of a supermarket, as there is no one desiring or capable of judging dosage and suit-

ability of product. What is the answer for the manufacturer? It is to try and convert the pharmacist to believe that his product is worth recommending, because it is the pharmacist and not the general public who is most able to decide whether his product is suitable, bearing in mind the contents and the manner in which it is advertised. In the world of the “big sell” there is a new body of men who can think only in terms of pseudo psychology. That is why they become confused and irritated when they stumble into the world of pharmacy. Yes . . . it is different!

C. BROWER,
Portslade, Sussex

Amplification Necessary

SIR,—Whether or not one agrees with the proposals in detail, the Chemists’ Action Group (*C. & D.*, February 22, p. 176) are to be congratulated upon introducing some new thoughts about problems confronting pharmacists. The proposals are provocative and no doubt this is the intention of the Group.

Whatever view one may take of particular details in the plan, it is heartening to note that the Group have taken account of two major problems that have bedevilled pharmacy for many years, namely:—

- i) The fact that negotiations on conditions, including remuneration for pharmacists in the N.H.S. are conducted between the Ministry of Health and representatives of persons making money *out* of pharmacy (and pharmacists), many of which persons are not physically engaged in the practice of pharmacy and are not registered pharmacists (for example, representatives of public companies and Co-operative Societies). It should also be noted that representatives of this type also form a majority in many other types of negotiation affecting pharmacists (for example N.J.I.C.).

This is wholly undesirable and unacceptable.

- ii) There is urgent need for a completely different approach in N.H.S. negotiations, as the present system is obviously incapable of affording satisfaction to practising pharmacists.

The Group suggest that negotiations should be conducted through the Pharmaceutical Society but, bearing in mind that the present Charter prevents the Society from acting in the rôle of a trade union, there is clearly a need for an associated but independent body that would undertake this task on behalf of the Society and its members. If the candidates put forward by the Group are successful in securing election to the Council, they will need to grapple with this problem, and some further details of the ways in which they propose to do so would be welcome, bearing in mind the interests of all parties concerned and the difficulty in effecting a basic change in the Charter. In respect of this matter the

plan of action needs some amplification before it can become an election manifesto.

E. D. HURT,
Leamington Spa, Warwicks

Rural Anomalies

SIR,—The question of doctor dispensing once more seems to be floundering in Government red tape, or is it Governmental fear of the British Medical Association? Surely this fifth-rate dispensing cannot be allowed to continue much longer. Perhaps our "Big City" negotiators would be interested in the following fragments of conversation regarding doctor dispensing:—

MYSELF TO "DISPENSER": Which ounce do you use, the apothecary or the avoirdupois? ANSWER: Eh? What do you mean?

MYSELF TO "DISPENSER": I see that you use mist. gent. alk. 4x. What happens to all the white stuff in the bottom? ANSWER: Oh. We wash that out each time we make it up fresh.

DOCTOR: Can you tell me what quantities my dispenser will need for making up stock mixtures when the metric system comes in? Mind you it does not matter if our mixtures are wrong. We don't get

checked on like you do."

I have also observed the following:—
A young "dispenser," aged sixteen years, walking around town with a pad of blank but signed prescription forms in her pocket.

Medicines not labelled properly and medical information leaflets left inside.

No consideration given to the right type of container, moisture-sensitive tablets still given out in cardboard cartons.

Young "dispensers" allowed to write out prescriptions on presigned forms without any further checking by the doctor (resulting in errors galore). A patient who got a prescription for three items of which two were wrong summed it up well when he said: "They don't know a ———— tablet from a ———— dog biscuit up there."

Advertisement in the local paper:—
Young girl required by local doctor as secretary and dispenser. No experience necessary.

Doctors dispensing inside the one-mile limit.

Patients outside the one-mile limit being given no choice by the doctor as to whether or not they want him to supply their medicine.

PER ARDUA

BRANCH EVENTS

CHELSEA-BASED REGION

Eleven Branches Link with School

ELEVEN branches of the Pharmaceutical Society grouped into a region based on the Chelsea School of Pharmacy decided at an inaugural meeting on February 9 that an appropriate name for the region would be the Chiltern Region. The branches are Aylesbury, Finchley, Harrow, Hendon and Edgware, Oxfordshire, Slough, South-west Metropolitan, Wembley, West Hertfordshire, West Metropolitan and West Middlesex. *Chairman* is Dr. H. S. Bean and *Secretary* is Mr. R. M. Howitt, 235 Ellerdine Road, Hounslow. Nine branches were represented at the meeting; one branch is understood to be dormant.

PLYMOUTH

Presentation Dinner

PHARMACY branch managers of Plymouth Co-operative Society, Ltd., recently presented Mr. A. G. M. Madge (a member of Council of the Pharmaceutical Society) with a nest of tables at a dinner held to mark his leaving the Society's pharmacy department, of which he was superintendent. MR. J. PIKE, in making the gift, spoke of the great esteem in which Mr. Madge was held and the high standard he had maintained in pharmacy. MR. MADGE expressed his thanks for the support and loyal co-operation he had received. Mr. Madge was also presented recently with a double electric blanket by his colleagues on the Plymouth Pharmaceutical Committee.

SOUTH WALES

Six N.P.U. Branches Merged

TWENTY-FIVE members from the Aberdare, Bridgend, Breconshire, Merthyr Tydfil and Rhymney and Sirhowy Valleys Branches of the National Pharmaceutical Union attend-

ed a meeting at Pontypridd on February 17 to consider the amalgamation of the six branches. Mr. G. T. M. David was in the chair and Mr. J. McClenahan, from N.P.U. headquarters, was present. The meeting decided to establish a "South Wales Branch" of the Union and adopted the model constitution and rules for N.P.U. branches. Mr. H. J. Gatehouse, Caerphilly was elected *Chairman*; Mr. Roy Jones, Sarn, *Vice-chairman*, and Mr. Robert Edwards, Porth, *Secretary/Treasurer*. The officers, with Messrs. Noel Thomas, Aberdare, D. Davies, Pontypridd, and John Richards, Pen-coed, were constituted the committee. The business meeting was followed by a tape-recorded talk and slides on metrication.

LIVERPOOL

"Organised" Cannabis Traffic

TRAFFIC in cannabis was a highly organised business carrying a high profit, said MR. A. F. MCCARTHY (chief preventive officer, Liverpool Waterguard Customs and Excise) in addressing a recent meeting of Liverpool Branch of the Pharmaceutical Society. Originally contraband cannabis had been hidden in small lots in ships' lifeboats, and the preventive officers had been able to find it. Later ships' ventilators, engine rooms, tanks and cargo spaces had come to be used. Current market value was £300 per lb. After giving instances of contraband cannabis found in quantity in cargoes of pickles and tinned fruit, Mr. McCarthy pointed out that one difficulty of the law-enforcement officers in relation to cannabis was that it was a traffic organised in India or elsewhere. When a consignment arrived in Britain perhaps only one man in the ship, possibly even none aboard, knew anything about it. In a brief reference to the report on

cannabis by the Government's advisory committee, Mr. McCarthy said he was surprised to hear Baroness Wootton say on television that the committee were satisfied that the drug was not brought in on a large scale and was not organised, but that it was brought in by people from the Continent for their own use. Only the previous week three men had been sentenced to imprisonment at Liverpool Crown Court for trying to smuggle in 160 lb. of it.

SOUTHEND-ON-SEA

Intrepid Pharmanauts

NOR snow nor warnings of gale-force winds and ice patches on roads deterred members of the Southend Branch of the Pharmaceutical Society and their guests from entering into the Branch's annual dinner and dance with their usual gusto and gaiety. As they arrived on the evening of February 19 the snow was falling thickly. Twice during the evening the grim warnings were passed on from radio bulletins. To those who came from a distance an offer was made of overnight warmth (but no bed) in the restaurant. Local members who could do so substituted an offer of beds in their own homes*. Nothing dismayed the revellers. They enjoyed their meal and had praise for the chef. The Branch chairman (Mr. E. Q. James) took wine in turn with all present, with the guest of honour (Mr. J. P. Kerr, a member of Council), then with eight special groups of guests. Mrs. James presented a bouquet to Mrs. E. G. H. Campany in recognition of the sterling work she and her husband, the social secretary, had put in beforehand to make the evening so clearly successful. The chairman of the British Dental Association's Southend section (Mr. F. L. Coker), in proposing a toast to the Pharmaceutical Society of Great Britain, commended pharmacists for deciphering "mountains" of EC10s and EC14s, contrasting their skill with the "untold worries of lesser mortals." Mr. Kerr, the Society's champion, had some urgent advice for its members: they must stand up to and speak up against "legal but unsocial" exploitation of their professional services by Swans or Petrovs. On cannabis the Council's view, he said, had not changed: it was still a drug of addiction. Pharmacists deserved general credit for their handling of Dangerous Drugs—having the greatest opportunity to commit offences they had but four recorded against them. However, the most revealing contribution of the evening was the slip of the toastmaster (doubtless brought up on Southend pier) in referring to "members of the Pharmanautical Society," for it conveyed so well the seafarers' *sangfroid* in the face of desperate weather conditions. Will the term catch on? Will pharmanauts go down in history alongside the argonauts, the astronauts and the aquanauts? For the time being the Southenders' more solid achievement is to have raised from their tombola £37 10s. for the Society's Benevolent Fund. [*In the end they departed. Nothing has been heard of them since.]

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Especially if you want to talk about bulk vitamins.

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The range includes calcium pantothenate and both synthetic and natural vitamin E:

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Ltd
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PRESTON
Woolley & Arnfield,
Branch of Vestric Ltd
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QUARTERLY PRICE LIST
FOR MARCH 1969

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It contains information
that will not be repeated

(Note: If you lose a sheet, please apply to the Publisher for a replacement.)

To know whether a product has changed in price since the current Quarterly Price List appeared, look at the index which follows. If the product is listed, turn to the page number indicated. If not, turn to the Q.P.L. itself for the price of the product.

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| Bislumina, 5 | Di-Adreson F, 5 | Ayer, 15 | Mimospray, 4 |
| Bisolvon, 11, 15 | Diajel, 2 | Helena | Minadex, 14 |
| Bodryl, 5 | Diater, 5 | Rubinstein, 5, 10 | Miners, 9 |
| Bronnley, 11 | Diawat, 5 | Hematrix, 15 | Minette, 4 |
| Bufferin, 2 | Dilosyn, 15 | Hexital, 4 | Minolta, 9 |
| Calaband, 15 | Dimyrl, 2 | Histosal, 4 | Minpek, 4 |
| Calaband 'D,' 15 | Dinnefords, 5 | Homyped, 15 | Miranda, 4 |
| Calamet, 5 | Diovol, 2 | Howe's, 15 | Mistol, 4 |
| Caline, 5 | Disbactric, 5 | Hydrocortisyl, 2 | Mitsouko, 9 |
| Caperns, 2 | Disfex, 5 | Hydrocortone, 4 | Moment Supreme, 4 |
| Calazeau, 5 | Distalgesic, 5 | Iethaband, 15 | Monekil, 4 |
| Carbital, 5 | Distaquaine-VK, 2 | Inco, 2 | Monsieur Net, 4 |
| Cardinelli, 5 | Dr. Sawyers, 5 | Inderal, 2 | Morgan's, 4 |
| Carena, 5 | Dorot, 2 | Ingram, 15 | Morphy-Richards, 4 |
| Cassells (Dr.), 5 | Dorothy Gray, 5, 11 | Intal, 15 | Morr Mel, 9 |
| Caved-S, 15 | Duobac, 5 | Intrim, 4 | Mum, 9, 14 |
| Cebeviton, 11 | Duodom, 5 | Iron Jelloids, 4 | Musterole, 4 |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------|------------|--------------|------------|------------|-------------|------------|-------------|-----------|------------|------------|---------------|-----------|--------|---------------|-----------|-------------|--------------------|--------|-------------|--------------|-------------|--------------|--------------|--------------|--------------|-------------|------------|------------|---------------|-------------|-----------|-------------|--------------|--------------|----------------|------------------|---------|----------------|-------------|-----------|-------------|----------|---------|-------------|-------------|---------------|-----------|-----------|------------|----------------|-----------|-------------|--------------|--------------|-------------|------------------|
| Myanesin, 14 | Nacton, 14 | Nembutal, 14 | N.H.&S., 4 | Neomin, 14 | Nerrisa, 14 | Nirolex, 9 | No-Paine, 4 | N.P.U., 9 | Norton, 14 | Nordina, 4 | Nutramigen, 2 | Oculus, 9 | Ode, 9 | Odo-Ro-No, 14 | Olive, 14 | Orygene, 14 | Outdoor Girl, 2, 9 | Pal, 4 | Pandrin, 14 | Paracodol, 2 | Paterson, 4 | Penidural, 2 | Pepsodent, 2 | Periactin, 2 | Perihemin, 4 | Phenidex, 2 | Phenoda, 9 | Phensic, 4 | Phosferine, 4 | Phospholine | Iodide, 9 | Photopia, 4 | Phyllosan, 4 | Pinoletta, 4 | Placentubex, 2 | Placentubex C, 2 | Plus, 4 | Precortisyl, 2 | Propa PH, 4 | Psorox, 2 | Pynefume, 4 | Pyrex, 9 | Q.T., 9 | Quaalude, 9 | Quellada, 4 | Quinaband, 14 | Regula, 4 | Rennie, 2 | Ricola, 14 | Right Guard, 2 | Ronson, 2 | Rynabond, 2 | Salter, 4, 9 | Sanatogen, 4 | Sanella, 14 | Sanoid, 2, 4, 14 |
|--------------|------------|--------------|------------|------------|-------------|------------|-------------|-----------|------------|------------|---------------|-----------|--------|---------------|-----------|-------------|--------------------|--------|-------------|--------------|-------------|--------------|--------------|--------------|--------------|-------------|------------|------------|---------------|-------------|-----------|-------------|--------------|--------------|----------------|------------------|---------|----------------|-------------|-----------|-------------|----------|---------|-------------|-------------|---------------|-----------|-----------|------------|----------------|-----------|-------------|--------------|--------------|-------------|------------------|

AMENDMENTS TO KEY TO SUPPLIERS

375 DFB=Dietary Foods (Bletchley), Ltd.
Canada Wharf, 255 Rotherhithe Street London,
S.E.16.
439 ERC=Ever Ready Co. (Gt. Britain)Ltd.,
1255 High Road, London, N20. 01-446 1313.
1063 Rimmel=Rimmel International Ltd.,
17 Cavendish Square, London, W.1. 01-637 1621.
1372 Santillan=Santillan (London), Ltd.,
201 Bedford Chambers, Covent Garden, London,
W.C.2.
1521 Pharm Dis=Pharmaceutical Distrib-
utors,, 10 West Bar Green, Sheffield, S1 2 DA.
0742-29238.
1533 Siddonia=Siddonia Ltd., Crown House,
London Road, Morden, Surrey 01-542 6111
1536 RDP=Rational Diet Products,
Gloucester, GL1 3QB. OGL2-21291.

Satura, 9
Schiaparelli, 3
Score, 14
Sea Jade, 3
Seclomycin, 14
Secret of the Sea, 9
Septex, 9
Septrin, 9
Serenace, 3
Setoniquet, 14
Sevilan, 2
Silcot, 14
Silkini, 14
Simbix, 9
Simpkin's, 3
Singha (Dr.), 3
Skil, 2
Slim Disks, 3
Solabra, 3
Soligor, 3
Solnova, 14
Solray, 3
Sous le Vent, 9
Special Appoint-
ment, 9
Spillers, 2
Sporodyl, 2
Step, 9
Ster-zac, 14
Sugrosa, 3
Sure, 3
Surgaseptic, 3
Suthers, 3
Sweet 'n Low, 8
Syntone, 3
Tancolin, 14
Tarband, 14
Taylor of London, 8
Tegretol, 14
Terpoin, 14
Terra-Cortril, 3
Thermos, 8
Tetralysal, 14
Tillott's, 14
Tokalon, 3
Toprose, 3
Tosca, 3
Trentham, 2
Tribactric, 3
Tricloryl, 14
Trimetts, 2
Tubigrip, 14
Tubifoam, 14
Tusseprin, 8
Tussoids, 3
Udenum, 3
U.F.I., 3
Ufide, 3
Unomat, 3
Uraband, 13
Vanispor, 3
Va-pine, 13
Varicrepe, 8
Varon Dandy, 2
Ventron, 14
Vi-Daylin, 8
Videnal, 3
Vitalis, 13
Vol de Nuit, 8
Waft, 13
Wata, 3
Watalux, 3
Watameter, 3
Wella, 3
Welldorm, 3
Weston, 3
Whitecross, 13
Zim, 3
Zincaband, 13
Zincoderm, 13
Zom, 3

Specify **'Wellcome'** brand Insulins

Soluble · Lente · Protamine · Globin · Isophane and 'Nuso' Neutral Insulin



Burroughs Wellcome & Co. (The Wellcome Foundation Ltd.) London

THIS WEEK'S CHANGES

Prices are given in the sequence Trade Price per Doz.; Purchase Tax per Doz.; Retail Price. Bold upright figures (2 9) in the retail price column indicate that the price is subject to resale price maintenance; italic figures (2 9) that it is recommended by the manufacturers; and light upright figures (2 9) that it is "notional" as a guide to the retailer in determining his own retail price.

| | | | | |
|---|---|----------|------------|-------|
| A | Acricseptine (810 Maw) | 14 5 | 5 3½ | 2 3 |
| | Adagio (1435 FS) | | | |
| | (distributors 669 Sorelle) | | | |
| | Adexolin (518 Glaxo) | | | |
| | liquid 10mils | 12 0 | — | 1 4 |
| | 50mils | 34 6 | — | 3 10 |
| D | Alo (1533 Alo) | | | |
| | moisture plus cream | — | — | 16 6 |
| | 1oz | — | — | 29 6 |
| | 2oz | — | — | 53 6 |
| | 4oz | — | — | — |
| | André Philippe (48 AP) | | | |
| | bubble bath | | | |
| | baby swan dimple | 1 14 3 | 5 3 | 2 3 |
| | hair lacquer | 9 13 0 | 7 2 | 2 3 |
| | refill bottle | 34 8 | 12 9 | 4 10 |
| A | Angier (172 BMCL) | 57 5 | 21 1 | 8 0 |
| | emulsion | | | |
| R | Ardinex (147 Boots) †s4B | | | |
| | capsules | 100 16 | 0ea 5 10ea | 29 10 |
| | | 500 76 | 8ea 28 1ea | 143 1 |
| | Bisolvon (154 B) | | | |
| | tablets | 1000 336 | 0ea — | 504 0 |
| A | Calaband (1127 Seton) | | | |
| | (distributors 93 BJ) | | | |
| | zinc paste, calamine | | | |
| | and urethane | | | |
| | bandage | 35 3 | — | 4 3 |
| A | Calaband 'D' (1127 Seton) | | | |
| | (distributors 93 BJ) | | | |
| | zinc paste and | | | |
| | calamine bandage | 35 3 | — | 4 3 |
| C | Caved-S (1237 Tillott) | | | |
| | tablets | 60 134 9 | 49 5 | 20 11 |
| | | 240 40 | 0ea 14 8ea | 68 6 |
| | | 600 96 | 6ea 35 5ea | — |
| | Chemico (302 Chemico) | | | |
| A | household cleanser | | | |
| | medium | 24 0 | — | 2 8 |
| | large | 39 5 | — | 4 4 |
| | No. 6 tin | 94 5 | — | 10 6 |
| | 28 lb keg | 24 0ea | — | 32 0 |
| I | disinfectant 1gall | 12 0ea | — | 16 0 |
| A | Clairol (172 BMCL) | | | |
| | Colorfast shampoo | | | |
| | bottle | 32 4 | 11 10 | 5 0 |
| | Condition | 38 0 | 20 11 | 6 4 |
| | Loving Care | | | |
| R | hair colour lotion | 51 3 | 28 2 | 8 9 |
| A | Nice N'Easy hair | | | |
| | colour | 64 5 | 35 5 | 10 9 |
| | hairspray | 53 10 | 29 7 | 9 1 |
| | Summer Blonde | | | |
| | lightener | 59 6 | 32 9 | 9 11 |
| I | Collar'n Cuff (1127 Seton) | | | |
| | (distributors 93 BJ) | | | |
| | roll 13ft. | 1048 9 | 0ea — | 13 6 |
| | Colliron (179 BDH) | | | |
| | 150mils | 53 0 | 19 6 | 8 3 |
| | 1 litre | 17 9ea | 6 6ea | — |
| D | 4oz, 8oz and 2litres | — | — | — |
| I | Conquita (331 C of C) | | | |
| | bubble bath sachet | 3 0 | 1 1 | 6 |
| I | Cortisone-Kemicetine (227 Erba) TS | | | |
| | dermatological | | | |
| | ointment 3gm | 2 10ea | — | 4 3 |
| | forte 5gm | 8 6ea | — | 12 9 |
| | otologic and | | | |
| | ophthalmic | | | |
| | solution 3mils | 4 6ea | — | 6 9 |
| | Coscopin (179 BDH) | | | |
| | linctus 150mils | 46 0 | — | 5 9 |
| | 1litre 15 6ea | — | — | — |
| | paediatric 150mils | 46 0 | — | 5 9 |
| | 1litre 15 6ea | — | — | — |
| D | 4oz and 2litres | — | — | — |
| D | Cossack (563 Hampshire) | | | |
| | hair cream | | | |
| | Crystapen V (518 Glaxo) TS | | | |
| | suspension | | | |
| | 125mgm/5mils | | | |
| | 100mils | 7 0ea | — | 10 6 |
| | syrup | | | |
| | 62.5mgm/5mils | | | |
| | 100mils | 4 4ea | — | 6 6 |
| | Cullingford (331 C of C) | | | |
| | specialities | | | |
| I | Noddy car soap | 32 11 | 11 9 | 5 1 |
| | toilet set | 39 6 | 9 9 | 5 9 |
| | soaps | | | |
| | baby bear | 15 1 | 5 4 | 2 4 |
| | bath discs (3) | 53 5 | 19 1 | 4 1 |
| | (2 doz.) (2 doz.) | | | |
| | buttermilk toilet | 48 0 | 17 2 | 7 |
| | (1 gross) (1 gross) | | | |
| | coal tar, glycerine | | | |
| | and cucumber, | | | |
| | carbolic toilet | | | |
| | oval (2) | 33 6 | 11 11 | 1 10 |
| | (3 doz.) (3 doz.) | | | |

| | | | | |
|---|--------------------------------------|-------------|-------|------|
| | rectangular toilet | | | |
| | loose | 48 0 | 17 2 | |
| | (1 gross) (1 gross) | | | |
| | economy pack | | | |
| | toilet oval (4) | 65 9 | 23 6 | 2 6 |
| | (4 doz.) (4 doz.) | | | |
| | bath oval (2) | 65 9 | 23 6 | 2 6 |
| | standard pack | | | |
| | toilet oval (6) | 56 9 | 20 4 | 3 9 |
| | bath oval (3) | 56 9 | 20 4 | 3 9 |
| D | Three Bears bubble | | | |
| | bath | — | — | — |
| | Cytacon (518 Glaxo) | | | |
| | liquid 200mils | 42 0 | — | 4 8 |
| | 2litres | 30 0ea | — | 40 0 |
| D | 6oz and 80oz | — | — | — |
| | Dilosyn (179 BDH) †s4B | | | |
| | syrup 150mils | 76 0 | — | — |
| D | 115mils | — | — | — |
| I | Eade's (67 Ashe) | | | |
| | rheumatic and gout pills †s4B | | | |
| | tonic † only | | | |
| | Elizabeth Arden (60 Arden) | | | |
| | eye shado III | | | |
| | compact | — | — | 27 6 |
| | Entacyl (179 BDH) | | | |
| | suspension 150mils | 96 0 | — | 12 0 |
| D | 225mils | — | — | — |
| | Erythroped (2 Abbott) | | | |
| | granules for 60mils | | | |
| | Extil (179 BDH) †s7 | | | |
| | syrup 150mils | 63 0 | — | 7 11 |
| D | 5oz | — | — | — |
| | Fenjal (1113 S & B) | | | |
| | cream bath decanter | 188 0 | 95 0 | 29 6 |
| | Ferlucon (179 BDH) | | | |
| | elixir 150mils | 66 0 | — | 8 3 |
| | 1litre | 17 3ea | — | — |
| D | 4oz and 2litres | — | — | — |
| | Fersamal (518 Glaxo) | | | |
| | syrup 200mils | 48 0 | — | 5 4 |
| D | 6oz | — | — | — |
| | Fersolate (518 Glaxo) | | | |
| | tablets 1000 | | | |
| | Fix (1351 WLU) | | | |
| | wave setting lotion | | | |
| | small | 17 8 | 9 9 | 1 6 |
| | (2 doz.) (2 doz.) | | | |
| | Golden Babe (716 Lilia-White) | | | |
| C | snuggly-pants, small, | | | |
| | med., large and | | | |
| | ex. large | 30 1 | — | 3 6 |
| A | Halex (80 BXL) | | | |
| | baby bath | | | |
| | F440 213 6 | 29 4 | 29 0 | |
| | F465 265 6 | 36 5 | 36 0 | |
| | F449 199 6 | 27 5 | 27 6 | |
| | F446 277 6 | 38 2 | 37 11 | |
| | stand | | | |
| | F631 406 0 | 47 8 | 54 9 | |
| | F641 456 0 | 54 9 | 61 6 | |
| | brush | | | |
| | F166 34 6 | 12 8 | 5 3 | |
| | F174 36 6 | 13 5 | 5 9 | |
| | F172 54 0 | 19 10 | 8 6 | |
| | brush set | | | |
| | 4-piece | F634 91 0 | 38 5 | 14 6 |
| | 5-piece | F636 94 0 | 31 11 | 14 6 |
| | chamber | F501 62 0 | — | 7 9 |
| | keep warm | | | |
| | plate | F471 79 6 | 10 11 | 10 9 |
| | layette | | | |
| | basket | F439 103 6 | 14 2 | 14 0 |
| | mealtime set | F315 42 2 | 5 9 | 5 9 |
| | F376 49 6 | 6 9 | 6 9 | |
| | F375 72 6 | 10 0 | 9 11 | |
| | F377 94 9 | 13 0 | 12 11 | |
| | 3-piece | | | |
| | nursery pedal | | | |
| | bin | F476 247 0 | 33 11 | 33 9 |
| | baby training | | | |
| | set | F431 88 0 | — | 11 0 |
| | bath brush | D593 69 0 | 25 4 | 10 9 |
| | bed bottle | | | |
| | polythene | RG200 58 0 | — | 7 3 |
| | polypropylene | RG204 66 0 | — | 8 3 |
| | bed pan | | | |
| | styrene | RG304 296 0 | — | 37 6 |
| | polypropylene | RG306 336 0 | — | 42 0 |
| | chamber adult | | | |
| | RG301 66 0 | — | 8 3 | |
| | commode pan with | | | |
| | lid | RG303 148 0 | — | 18 6 |
| | cosmetic brush | | | |
| | D500 38 6 | 14 1 | 6 0 | |
| | hairbrushes gents | | | |
| | military | D110 40 0 | 14 8 | 6 3 |
| | hairbrushes gents | | | |
| | 3-piece set | D453 53 0 | 19 5 | 8 3 |
| | 5-piece set | D455 69 0 | 25 4 | 10 9 |
| | hairbrushes ladies | | | |
| | Radial brush/comb | | | |
| | D314 46 9 | 17 2 | 7 3 | |
| | Carefree | D366 46 9 | 17 2 | 7 3 |

| | | | | | | | | | |
|---|---|-------------|--------|-------|--|--|--|--|--|
| | cushion | | | | | | | | |
| R | pneumatic | D262 115 6 | 42 4 | 17 11 | | | | | |
| | bristle filled | | | | | | | | |
| | D268 205 6 | 75 4 | 32 0 | | | | | | |
| A | hairbrushes | | | | | | | | |
| | children's | | | | | | | | |
| | Noddy | DF180 40 0 | 14 8 | 6 3 | | | | | |
| | ladies brush sets | | | | | | | | |
| | engine turned | | | | | | | | |
| | 3-piece | E695 308 6 | 113 1 | 48 0 | | | | | |
| | Harmony | | | | | | | | |
| | 3-piece | E658 160 6 | 58 10 | 25 0 | | | | | |
| | 4-piece | E661 279 0 | 122 1 | 45 0 | | | | | |
| | | E665 215 6 | 79 0 | 33 6 | | | | | |
| | 5-piece | E694 337 0 | 142 10 | 54 0 | | | | | |
| | Princess | | | | | | | | |
| | 3-piece | E659 180 0 | 66 0 | 28 0 | | | | | |
| | 4-piece | E679 231 6 | 84 11 | 36 0 | | | | | |
| | coffret | | | | | | | | |
| | coffret Caprice | | | | | | | | |
| | 4-piece set | E656 70 9 | 20 6 | 10 6 | | | | | |
| | massage set | | | | | | | | |
| | Caress | K200 46 9ea | 17 2ea | 79 6 | | | | | |
| | nail brushes | | | | | | | | |
| | king size | D516 32 3 | 11 10 | 5 0 | | | | | |
| | non-slip | D520 13 6 | 4 11 | 2 1 | | | | | |
| | coloured filaments | | | | | | | | |
| | D528 22 6 | 8 3 | 3 6 | | | | | | |
| | shaver Baron | K300 52 4ea | 19 2ea | 89 0 | | | | | |
| | soap cases | | | | | | | | |
| | polythene | E342 7 9 | 4 3 | 1 4 | | | | | |
| | bath size | E345 11 3 | 6 2 | 1 11 | | | | | |
| | Harriet Hubbard Ayer (575 HHA) | | | | | | | | |
| | (distributors 261 Christy) | | | | | | | | |
| I | Hematrix (810 Maw) † | | | | | | | | |
| | ointment | 22 4 | 8 2 | 3 6 | | | | | |
| A | suppositories | 40 0 | 14 8 | 6 3 | | | | | |
| D | Homyped (1169 GS & S) existing entry | | | | | | | | |
| I | Homyped (1169 GS & S) | | | | | | | | |
| | exercise sandals | | | | | | | | |
| | children's | pr. 15 0ea | — | 22 6 | | | | | |
| | ladies | pr. 18 2ea | 2 3ea | 29 11 | | | | | |
| | men's | pr. 20 8ea | 2 7ea | 33 11 | | | | | |
| I | Howe's (506 Gerhardt) | | | | | | | | |
| | olympic algacide | | | | | | | | |
| | 40cz | 43 0ea | — | 57 6 | | | | | |
| | 1 gall | 135 0ea | — | 180 0 | | | | | |
| | chlorine granules | | | | | | | | |
| | 10 lb | 52 6ea | — | 70 0 | | | | | |
| A | Ichtaband (1127 Seton) | | | | | | | | |
| | (distributors 93 BJ) | | | | | | | | |
| | zinc paste and | | | | | | | | |
| | ichthammol | | | | | | | | |
| | bandage | 35 3 | — | 4 3 | | | | | |
| A | Ingram (172 BMCL) | | | | | | | | |
| | shaving cream | | | | | | | | |
| | lather | 25 5 | 9 4 | 3 7 | | | | | |
| | economy size | 35 1 | 12 10 | 5 0 | | | | | |
| | brushless | 25 5 | 9 4 | 3 7 | | | | | |
| | Intal (1530 Fisons) | | | | | | | | |
| | Spincaps | 30 33 9ea | — | 50 8 | | | | | |
| I | Kay's (1068 Roberts) | | | | | | | | |
| | linseed compound | 15 9 | 5 10 | 2 4 | | | | | |
| | | 31 6 | 11 8 | 4 8 | | | | | |

10% discount off all orders placed direct with Co-Caps for Tetracycline & Penicillin V-K

Co-Caps, 361 Lillie Road, London, SW6. Telephone: 01-370 4664

| | | | | | | | |
|---------------------------|----------|-----|-----|----------|----|----|----|
| cold sore ointment | 837.00 | 11 | 3 | 4 | 1½ | 1 | 9 |
| golden eye ointment | 429.00 | 8 | 7 | 3 | 2 | 1 | 4 |
| lanoline cream | 488.00 | 13 | 2 | 7 | 3 | 2 | 3 |
| | 488.01 | 32 | 2 | 17 | 8 | 5 | 6 |
| • Minadex (518 Glaxo) | | | | | | | |
| syrup | 200mils | 31 | 6 | — | — | 3 | 6 |
| | 2litres | 15 | 6ea | — | — | 20 | 8 |
| D 6oz and 80oz | | | | | | | |
| A Mum (172 BMCL) | | | | | | | |
| aerosol spray | 3oz | 42 | 7 | 23 | 5 | 6 | 8 |
| body spray | 32cc | 32 | 6 | 17 | 10 | 5 | 1 |
| deodorant stick | | 22 | 0 | 12 | 1 | 3 | 7 |
| lotion | | 31 | 7 | 11 | 7 | 4 | 6 |
| Rolleto unperfumed | | 38 | 4 | 14 | 1 | 5 | 7 |
| refill | | 31 | 10 | 11 | 8 | 4 | 7 |
| Rolleto perfumed | | 37 | 0 | 20 | 4 | 5 | 11 |
| refill | | 31 | 9 | 17 | 6 | 4 | 11 |
| Rolleto for men | | 39 | 4 | 21 | 8 | 6 | 5 |
| refill | | 33 | 4 | 18 | 4 | 5 | 5 |
| stick for men | 21gm | 25 | 0 | 13 | 9 | 3 | 11 |
| | 84gm | 57 | 6 | 31 | 7 | 9 | 0 |
| soap | 5oz | 19 | 3 | 7 | 1 | 2 | 6 |
| talcum | | 32 | 6 | 17 | 10 | 5 | 1 |
| • Myanesin (179 BDH) †s4B | | | | | | | |
| elixir | 150mils | 42 | 0 | — | — | — | — |
| | 225mils | — | — | — | — | — | — |
| D Mycozol (938 PD) | | | | | | | |
| D Nacton (113 Bencard) | | | | | | | |
| tablets 4mgm | 100 | 20 | 0ea | — | — | 30 | 0 |
| • Nembutal (2 Abbott) | | | | | | | |
| elixir | | | | | | | |
| D Neomin (518 Glaxo) | | | | | | | |
| elixir | 100mils | 9 | 0ea | — | — | 13 | 6 |
| | 2oz | — | — | — | — | — | — |
| • Nerissa (1160 Solport) | | | | | | | |
| flocked foam | | | | | | | |
| puffs (2) | | 42 | 6 | 19 | 3 | 2 | 3 |
| | (3 doz.) | | | (3 doz.) | | | |
| Norton (900 Norton) | | | | | | | |
| gift sets | | | | | | | |
| after-shave | | | | | | | |
| lime | Q2 | 59 | 0 | 32 | 5 | 10 | 2 |
| after-shave and | | | | | | | |
| soap | Q8 | 84 | 0 | 46 | 2 | 14 | 3 |
| Be My Guest | G30 | 128 | 0 | 18 | 4 | 17 | 7 |
| Cologne and | | | | | | | |
| composer | S4 | 84 | 0 | 46 | 2 | 14 | 3 |
| perfume sachets | | | | | | | |
| RR1 | 19 | 6 | 10 | 9 | 3 | 4 | |
| soccer ball/wash | | | | | | | |
| cloth | L12 | 52 | 0 | 11 | 0 | 7 | 5 |
| tennis ball/wash | | | | | | | |
| cloth | L11 | 52 | 0 | 11 | 0 | 7 | 5 |
| wash cloth guest | | | | | | | |
| discs | G24 | 88 | 0 | 13 | 2 | 12 | 0 |
| wash cloth rose | | | | | | | |
| soaps | G25 | 72 | 0 | 11 | 4 | 10 | 0 |
| bubble bath | | | | | | | |
| dolly | Q7 | 41 | 6 | 15 | 2 | 6 | 5 |
| gin | Q4 | 54 | 0 | 19 | 9 | 8 | 6 |
| MRN jar | H8 | 72 | 0 | 26 | 5 | 11 | 2 |
| Pedro | Q6 | 63 | 0 | 23 | 1 | 9 | 9 |
| stem jar | H12 | 90 | 0 | 33 | 0 | 14 | 0 |
| novelty soaps | | | | | | | |
| 3 animals | B4 | 39 | 0 | 14 | 3 | 6 | 1 |
| 3 tennis balls | L7 | 65 | 0 | 23 | 10 | 10 | 1 |
| 4 dice | L6 | 31 | 0 | 11 | 4 | 4 | 10 |
| 4 golf balls | L5 | 29 | 6 | 10 | 10 | 4 | 7 |
| on sponge | L2 | 39 | 0 | 14 | 3 | 6 | 1 |
| 6 golf balls/golf | | | | | | | |
| bag | L18 | 112 | 0 | 41 | 1 | 17 | 6 |
| 12 golf balls | L4 | 64 | 0 | 23 | 5 | 10 | 0 |
| Age of Elegance | | | | | | | |
| W1 | 68 | 0 | 24 | 11 | 10 | 9 | |
| Algy magic rabbit | | | | | | | |
| XI | 21 | 0 | 7 | 8 | 3 | 4 | |
| animals on card | B3 | 14 | 6 | 5 | 4 | 2 | 5 |
| bath time dolly | | | | | | | |
| Q14 | 52 | 0 | 19 | 1 | 8 | 1 | |
| capsules and | | | | | | | |
| doll | B9 | 60 | 0 | 22 | 0 | 9 | 4 |
| double decker | | | | | | | |
| G41 | 75 | 0 | 27 | 6 | 11 | 9 | |
| eye on ball | L3 | 36 | 3 | 13 | 3 | 5 | 8 |
| Fleur de Tabac (3) | | | | | | | |
| HA1 | 88 | 3 | 32 | 4 | 13 | 10 | |
| shower | HA2 | 69 | 3 | 25 | 5 | 10 | 9 |
| gilt jar/rose soaps | | | | | | | |
| H7 | 65 | 0 | 23 | 10 | 10 | 1 | |
| gin and lime | Q9 | 90 | 0 | 33 | 0 | 14 | 0 |
| guest roses (6) | G6 | 52 | 0 | 19 | 1 | 8 | 1 |
| hamburger | G4 | 38 | 0 | 13 | 11 | 5 | 11 |
| hotdog | G5 | 38 | 0 | 13 | 11 | 5 | 11 |
| Koko magic | | | | | | | |
| poodle | X3 | 25 | 6 | 9 | 4 | 4 | 0 |
| lemon | E8 | 12 | 6 | 4 | 7 | 2 | 0 |

| | | | | | | | |
|-------------------|-----|-----|----|----|---|----|----|
| Mimi magic cat | | | | | | | |
| X2 | 23 | 0 | 8 | 5 | 3 | 7 | |
| Music Masters | S3 | 72 | 0 | 26 | 5 | 11 | 2 |
| punnets | | | | | | | |
| 3 lemons | D3 | 37 | 6 | 13 | 9 | 5 | 10 |
| min lemons | D13 | 48 | 0 | 17 | 7 | 7 | 9 |
| lemon/lime | D10 | 37 | 6 | 13 | 9 | 5 | 10 |
| mixed fruit | D17 | 48 | 0 | 17 | 7 | 7 | 9 |
| orange/lemon | D9 | 37 | 6 | 13 | 9 | 5 | 10 |
| strawberries | D12 | 48 | 0 | 17 | 7 | 7 | 9 |
| roses and doll | B8 | 52 | 0 | 19 | 1 | 8 | 1 |
| sea shells | G1 | 39 | 0 | 14 | 3 | 6 | 1 |
| large shells | G2 | 39 | 0 | 14 | 3 | 6 | 1 |
| mermaid | G3 | 39 | 0 | 14 | 3 | 6 | 1 |
| capsules | G9 | 39 | 0 | 14 | 3 | 6 | 1 |
| shells and doll | B7 | 52 | 0 | 19 | 1 | 8 | 1 |
| snowman | C4 | 21 | 0 | 7 | 8 | 3 | 4 |
| stick basket | | | | | | | |
| lemon | D9B | 52 | 0 | 19 | 1 | 8 | 1 |
| strawberry | D5B | 52 | 0 | 19 | 1 | 8 | 1 |
| tangerine | D7B | 52 | 0 | 19 | 1 | 8 | 1 |
| stopper jar fruit | H35 | 84 | 0 | 30 | 9 | 13 | 2 |
| transfers | | | | | | | |
| Alice in | | | | | | | |
| Wonderland | M16 | 41 | 0 | 15 | 0 | 6 | 4 |
| Flower Train | M9 | 39 | 0 | 14 | 3 | 6 | 1 |
| Flying Machines | | | | | | | |
| M7 | 41 | 0 | 15 | 0 | 6 | 4 | |
| Toulouse Lautrec | M30 | 72 | 0 | 26 | 5 | 11 | 2 |
| Veteran Cars | M4 | 41 | 0 | 15 | 0 | 6 | 4 |
| Winne the Pooh | | | | | | | |
| M5 | 41 | 0 | 15 | 0 | 6 | 4 | |
| Troika | G26 | 108 | 0 | 39 | 7 | 16 | 9 |
| wood crate | | | | | | | |
| lemons | E4 | 103 | 0 | 39 | 7 | 16 | 9 |
| mixed fruit | E3 | 108 | 0 | 39 | 7 | 16 | 9 |
| oranges | E5 | 108 | 0 | 39 | 7 | 16 | 9 |

A = Price Advanced
R = Price Reduced
• = New entry
D = Delete
C = Correction
I = Insert

| | | | | | | | |
|----------------------------|---------|------|------|----|-----|-----|----|
| D Orygene (938 PD) | | | | | | | |
| I Pandrin (346 Dales) †DDI | | | | | | | |
| tablets | 25 | 32 | 0 | 11 | 9 | 5 | 0 |
| A Quinaband (1127 Seton) | | | | | | | |
| (distributors 93 BJ) | | | | | | | |
| zinc paste and idio- | | | | | | | |
| chlorohydroxy- | | | | | | | |
| quinoline bandage | 37 | 0 | — | — | — | 4 | 5 |
| • Ricola (1342 CTM) | | | | | | | |
| herb candy | — | — | — | — | — | 2 | 0 |
| Sanella (810 Maw) | | | | | | | |
| A san-belts | | | | | | | |
| adjustable | 195.04 | 13 | 4 | 1 | 10 | 2 | 0 |
| de luxe | 195.05 | 21 | 0 | 2 | 11 | 3 | 0 |
| all nylon | 195.06 | 16 | 10 | 2 | 4 | 2 | 6 |
| Parisienne | 195.08 | 22 | 6 | 3 | 1 | 3 | 3 |
| side-fastening | 195.07 | 26 | 4 | 3 | 7½ | 3 | 6 |
| Sanoid (339 CG) | | | | | | | |
| R crepe bandage B.P.C. | | | | | | | |
| 2in | 20 | 0 | — | — | — | 2 | 5 |
| 2½in | 24 | 0 | — | — | — | 2 | 10 |
| 3in | 29 | 0 | — | — | — | 3 | 5 |
| 3½in | 33 | 0 | — | — | — | 3 | 9 |
| 4in | 38 | 0 | — | — | — | 4 | 3 |
| 5in | 47 | 0 | — | — | — | 5 | 4 |
| 6in | 56 | 0 | — | — | — | 6 | 4 |
| A Score (172 BMCL) | | | | | | | |
| hair dressing | 38gm | 27 | 2 | 14 | 11 | 4 | 3 |
| 80gm | 43 | 1 | 23 | 8 | 6 | 9 | |
| D Seclomycin (518 Glaxo) | | | | | | | |
| A Setoniquet (1127 Seton) | | | | | | | |
| (distributors 93 BJ) | | | | | | | |
| tourniquets | | | | | | | |
| small | 1050 | 3 | 11ea | — | — | 5 | 10 |
| medium | 1051 | 4 | 3ea | — | — | 6 | 4 |
| large | 1052 | 4 | 9ea | — | — | 7 | 1 |
| Silcot (786 Macdonald) | | | | | | | |
| I sanitary belts | | | | | | | |
| popular | 14 | 4 | 2 | 0 | 1 | 9 | |
| trimline | 16 | 3 | 2 | 3 | 2 | 0 | |
| de luxe | 16 | 3 | 2 | 3 | 2 | 0 | |
| suedeline | 20 | 3 | 2 | 10 | 2 | 6 | |
| briefs bikini | 66 | 4 | 9 | 1 | 7 | 11 | |
| chic | 61 | 0 | 8 | 5 | 7 | 6 | |
| ex large | 66 | 4 | 9 | 1 | 7 | 11 | |
| rayon | 53 | 3 | 7 | 4 | 6 | 6 | |
| ex large | 58 | 2 | 8 | 0 | 6 | 11 | |
| Silkini (786 Macdonald) | | | | | | | |
| C briefs | 61 | 0 | 8 | 5 | 7 | 11 | |
| I Solnova (1548 JJ) | | | | | | | |
| sunglasses | — | — | — | — | — | 32 | 6 |
| A Ster-zac (626 HH & C) | | | | | | | |
| bath concentrate | | | | | | | |
| sachets 3mils x 50 | 5 | 3ea | — | — | — | — | |
| 2 x 1oz | 12 | 3ea | — | — | — | — | |
| 500mils | 11 | 0ea | — | — | — | — | |
| 2 litres | 37 | 10ea | — | — | — | — | |
| A powder | 30gm | 14 | 5 | — | — | — | |
| 8oz | 33 | 10 | — | — | — | — | |
| Tancolin (810 Maw) †DDI | | | | | | | |
| A children's linctus | | | | | | | |
| 2½oz | 20 | 11 | 7 | 8 | 3 | 3 | |
| 4oz | 31 | 6 | 11 | 6½ | 4 | 11 | |
| R pastilles | 24 | 13 | 6 | 4 | 11½ | 2 | 3 |
| A Tarband (1127 Seton) | | | | | | | |
| (distributors 93 BJ) | | | | | | | |
| zinc paste and coal | | | | | | | |
| tar bandage | 35 | 3 | — | — | — | 4 | 3 |
| Tegretol (501 Geigy) †s4B | | | | | | | |
| tablets | 500 | 180 | 0ea | — | — | — | |
| • Terpin (626 HH & C) † | | | | | | | |
| A 8oz | 89 | 0 | — | — | — | — | |
| 80oz | 64 | 0ea | — | — | — | — | |
| Tetralysal (227 Erba) T5 | | | | | | | |
| C capsules | | | | | | | |
| 150mgm | 16 | 4 | 10ea | — | — | 7 | 3 |
| I injection | | | | | | | |
| 100mgm | 10 | 23 | 8ea | — | — | 35 | 6 |
| C Tillott's (1237 Tillott) | | | | | | | |
| white tar ointment | 16 | 6 | 6 | 1 | 2 | 11 | |
| 51 | 0 | 18 | 9 | 7 | 11 | | |
| Tricloril (518 Glaxo) †s4B | | | | | | | |
| syrup | 100mils | 5 | 6ea | — | — | 7 | 4 |
| 2 litres | 93 | 0ea | — | — | — | 124 | 0 |

| | | | | | | | | | | | | | | | | | | | |
|------------------------|----|------|---|----|---|---|------------------------|-------|-----|---|-------|---|----|----|------------------------|----|-----|---|---|
| 4in x 1/2yd 2006 | 42 | 0 | — | 5 | 3 | A | Va-pine (810 Maw) | 14 | 5 | 5 | 3 1/2 | 2 | 3 | A | Zincoderm (626 HH & C) | | | | |
| 1 1/2in x 1yd 2007 | 4 | 0ea | — | 6 | 0 | D | Ventron (938 PD) | | | | | | | | 500gm | 7 | 0ea | — | — |
| 2 1/2in x 1yd 2008 | 5 | 2ea | — | 7 | 9 | A | Vitalis (172 BMCL) | | | | | | | | 1 kilo | 10 | 9ea | — | — |
| 2 1/2in x 1yd 2009 | 5 | 2ea | — | 7 | 9 | | hair dressing | 57cc | 24 | 7 | 13 | 6 | 4 | 0 | 5 kilo | 40 | 0ea | — | — |
| 3in x 1yd 2010 | 5 | 10ea | — | 8 | 9 | | | 114cc | 44 | 1 | 24 | 3 | 7 | 2 | | | | | |
| 4in x 1yd 2011 | 6 | 6ea | — | 9 | 9 | | | 200cc | 65 | 7 | 36 | 1 | 10 | 7 | | | | | |
| 5in x 1yd 2012 | 7 | 0ea | — | 10 | 6 | | | 350cc | 111 | 3 | 61 | 8 | 17 | 5 | | | | | |
| 7in x 1yd 2013 | 7 | 8ea | — | 11 | 6 | | aerosol | 128gm | 41 | 0 | 22 | 7 | 6 | 5 | | | | | |
| 8 1/2in x 1yd 2014 | 9 | 4ea | — | 14 | 0 | | | large | 57 | 9 | 31 | 9 | 8 | 11 | | | | | |
| 13in x 1yd 2015 | 12 | 10ea | — | 19 | 3 | | | | | | | | | | | | | | |
| • support bandages | | | | | | C | Waft (893 Nicholas) | | | | | | | | | | | | |
| 8 1/2 | 21 | 4ea | — | 32 | 0 | | fabric softener | 24 | 0 | — | — | 2 | 8 | | | | | | |
| 11 1/2 | 36 | 0ea | — | 54 | 0 | | | | | | | | | | | | | | |
| 12 | 24 | 8ea | — | 37 | 0 | C | Whitecross (1334 WOC) | | | | | | | | | | | | |
| 13 | 29 | 4ea | — | 44 | 0 | | sunglasses men's | 318 | 39 | 4 | — | 4 | 11 | | | | | | |
| 14 | 32 | 0ea | — | 48 | 0 | | teen-age girls | 305 | 23 | 4 | — | 2 | 11 | | | | | | |
| A Uraband (1127 Seton) | | | | | | A | Zincaband (1127 Seton) | | | | | | | | | | | | |
| (distributors 93 BJ) | | | | | | | (distributors 93 BJ) | | | | | | | | | | | | |
| zinc paste, ichtham- | | | | | | | zinc paste bandage | 35 | 3 | — | 4 | 3 | | | | | | | |
| mol and urethane | | | | | | | | | | | | | | | | | | | |
| bandage | 35 | 3 | — | 4 | 3 | | | | | | | | | | | | | | |

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 834 MWL=Meltonian Wren, Ltd., Oxgate Lane, London, N.W.2. 01-450 5311.
 1455 Lister=Lister Laboratories, 51 Elderslie Street, Glasgow, C.3. 041-221 3690.
 1533 Alo=Alo-Cosmetics, Ltd., 27 Old Bond Street, London, W.1. 01-493 1435.
 1543 CTM=Chocolat Tobler Meltis, Ltd., Miller Road, Bedford. Bedford 55141.
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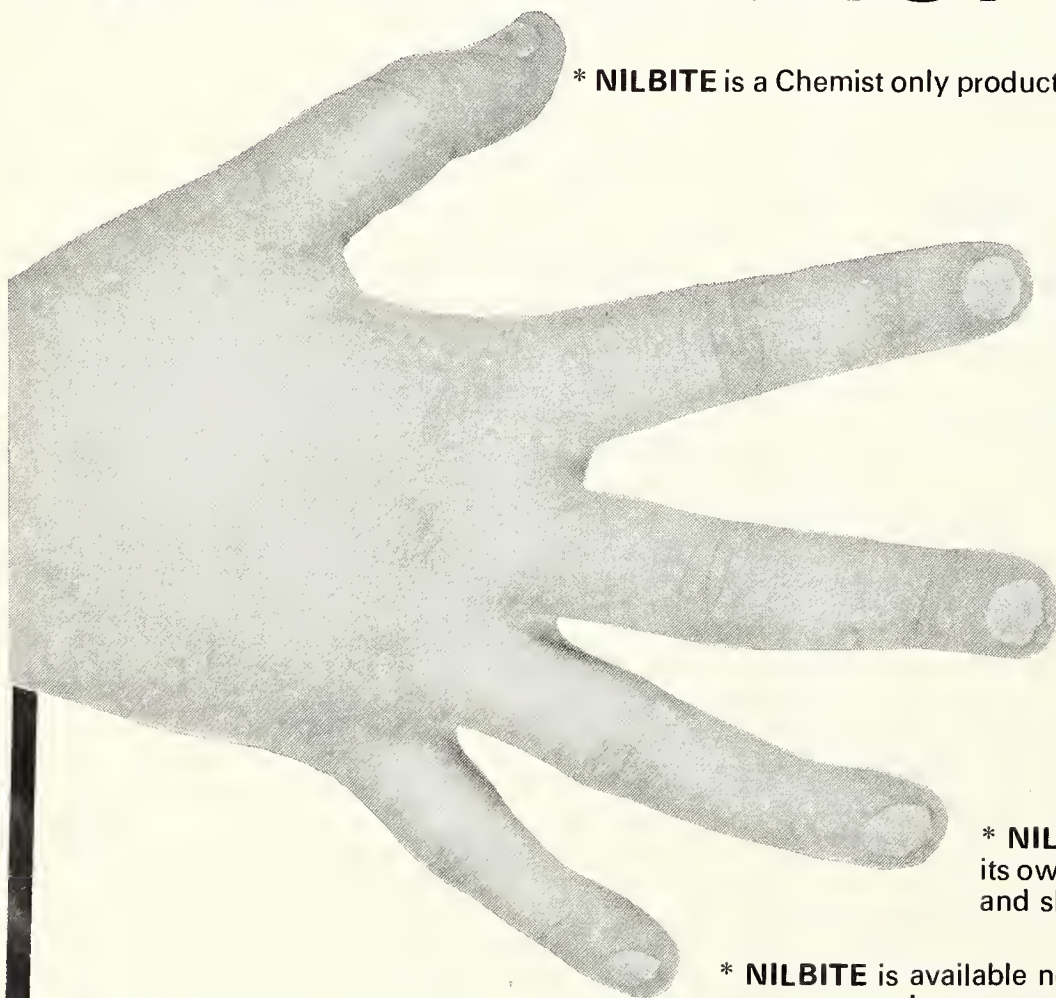
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Future of "Recommended" Prices

THE Committee that has been considering whether "recommended" or "suggested" prices are in the public interest (see p. 181) has achieved the seemingly impossible. It has contrived to find itself agreeing with both the opponents and the protagonists of recommended resale prices. To the Board of Trade is relegated the onus of decision.

The Committee found that the practice appeared to be having a beneficial effect on prices in some sectors, but in others was likely to be, on balance, harmful. "We therefore do not recommend," says the report, "that the practice should be banned in all circumstances." In so far as resale price recommendations unintentionally encouraged inertia and discouraged price experimentation by individual retailers, it might act as a restraint on price competition and on changes in the structure of retailing. What structural changes in retailing would benefit the consumer are left unspecified.

The Committee sees advantage in requiring manufacturers, when they publish recommended prices, to specify *on every occasion* that the prices are only recommended or suggested, and to indicate or imply that retailers are free to charge lower or higher prices. One decision by the Committee, namely the decision not to adopt the system set out in the Resale Prices Act, 1964, under which the onus of proof is on the supplier, is likely to attract the approval of all except, perhaps, the lawyers. "Few suppliers," says the report, "might think it worth trying to make a case;" that might amount effectively to a comprehensive ban, "which, as we have said, we do not recommend."

That oblique reference to the high costs of hearings in the Restrictive Practices Court and of investigations by the Monopolies Commission is certainly to be welcomed, though it is hard to suppose that a Board of Trade investigation would be, for either party, an inexpensive undertaking. No matter by what means the decision is reached the affected manufacturer or industry seems bound to be put to extra expense. One surprising aspect of the report is that it gives no statistics to illuminate the financial implications of the Committee's findings.

In view of the fact that medicinal products have still to come before the Restrictive Practices Court, pharmacists may perhaps derive some comfort from the thought that those products are unlikely to have been the cause of "competitive inertia" in retailing. Nor are they proper commodities for "price experimentation by individual retailers."

The C. & D. Goes Metric Too

So long as grains and grammes have existed side by side in the dispensary THE CHEMIST AND DRUGGIST has clung obstinately to its own system of rendering quantities in those denominations. Five grains has been gr. 5 and five grammes has been 5 gm. So far as we know that has been our own method exclusively, though many have had their own systems also differing from that of the British Pharmacopoeia. We know nothing of the reasons why other periodicals followed their own styles, if they did. Our own motive and purpose was clear enough, and we held to it though some readers represented to us that, as a publication in a scientific field, we should have come into line with accepted scientific nomenclature and abbreviations. The line we took was that our readers were concerned with making up medicines from potent materials and that, if we ever published a prescription or recipe, no pharmacist or member of his staff should ever be left in any doubt or indecision about the quantities intended, even though he might have thought us ignorant or old-fashioned in our way of setting them down. So far as we know that purpose has been realised. Certainly nobody has ever written complaining that he was undecided what quantity of an ingredient was intended in a formula printed in our columns, still less that a patient has ever suffered as a result of grains being taken for grammes or *vice versa*. From March 3, however, it will be illegal to dispense any medicines in non-metric quantities, so there is no point in adopting any notation that differs from recommended standards.

In making a change in our procedures we are even going a little further than that set out in the Weights and Measures (Abbreviations of Units of Measurement) Regulations, 1964 (H.M.S.O. price threepence), and are adopting in full the international system of units (known as SI units) which is already widely in use in various countries and media, and on which the Society of Cosmetic Chemists (perhaps others) has published a booklet setting out standard metric usages.

It may well happen, of course that, though grains and other apothecaries' quantities may not be used in the preparation of medicines, they may still on occasion fall to be mentioned in our columns—for example in articles concerned with the past. If so we shall probably still render five grains as gr. 5, etc.

But we shall certainly from now on be referring to five grammes as 5 g, five mls as 5 ml, five microgrammes as 5 mg, and five kilogrammes as 5 kg. That is, unless any other system is brought in as statutory in the meantime. We shall also be adopting the pharmacopoeial practice of using a capital G in dosages.

LIMELIGHT ON THE LOCUM

2. The locum with foibles

BY WYKAM

PROPRIETORS will have their views on the foibles of their locum. A chemist showed me a letter from his locum, a middle-aged lady due to arrive soon. She began by enumerating her hotel requirements (number of blankets, hot water bottle routine, etc.), and followed with the full details and timings of her journey. Continuing, she stated that she was accompanied by four trunks (two containing dresses, frocks, etc), a record player and a cage containing a budgerigar answering to the name of Sweetiepie.

NARCOTICS IN 1969

Criticisms by Board

MOST national administrations could collaborate more effectively in supplying details of their estimated narcotic requirements, states the International Narcotics Control Board in a preamble to its Estimated World Requirements of Narcotic Drugs in 1969 (H.M. Stationery Office, price 13s.).

The Board complains that, by the prescribed date (August 1, 1968), only 38 per cent. of the countries had submitted their estimated requirements for 1969. That figure was two per cent. higher than the corresponding figure for 1968, but the Board describes the situation as still "not satisfactory." Most national organisations could readily supply the estimates, the Board maintains, within the prescribed time limit or near to it. Numerous remin-

ESTIMATES FOR 1969

| UNITED KINGDOM | | IRELAND | | UNITED KINGDOM | | IRELAND | |
|--------------------------|--------|---------|--|--------------------------|---------|---------|--|
| kilos | | kilos | | kilos | | kilos | |
| Anileridine | 0.100 | | | Methadone-intermediate | 125 | | |
| Cannabis | 35 | 2.500 | | Morphine | 20,530 | 10 | |
| Cannabis resin | — | 0.300 | | Normethadone | — | 2.500 | |
| Cocaine | 122 | 4 | | Opium | 250,200 | 88 | |
| Codeine | 13,700 | 452 | | Oxycodone | 8 | 0.500 | |
| Dextromoramide | 25 | 5 | | Oxymorphone | 0.015 | — | |
| Diethylthiambutene | 11 | 0.130 | | Pethidine | 1,000 | 70 | |
| Dihydrocodeine | 1,307 | 2.500 | | Pethidine-intermediate-A | 4,000 | — | |
| Diphenoxylate | 85 | 0.100 | | Pethidine-intermediate-B | — | — | |
| Dipipanone | 70 | 2 | | Pethidine-intermediate-C | 0.100 | — | |
| Ethylmorphine | 204 | 1 | | Phenazocine | 4 | 0.050 | |
| Etorphine | 0.010 | 0.001 | | Phenoperidine | 0.400 | 0.030 | |
| Etorphine-3 methyl ether | 0.500 | — | | Pholcodine | 990 | 20 | |
| Fentanyl | 0.020 | 0.005 | | Thebacon | 0.010 | — | |
| Heroin | 75 | 0.250 | | Thebaine | 331 | 0.025 | |
| Hydrocodone | 7 | 0.100 | | | | | |
| Hydromorphenol | 0.050 | — | | | | | |
| Hydromorphone | 0.150 | 0.050 | | | | | |
| Levorphanol | 2 | 0.050 | | | | | |
| Methadone | 45 | 2.500 | | | | | |

ders had been sent to defaulting governments. To some authorities several approaches had to be made.

Statistics for 1967

The Board has also published "Statistics on Narcotic Drugs for 1967" (H.M. Stationery Office, price 13s.), which records that, in 1965, opium production fell to 901 tons, its lowest point since 1957. During 1966 it fell by a further 120 tons and in 1967 by a further three tons to a level of 778 tons. Chiefly responsible for the decline was a reduction of 473 tons in production in India. The 1967 drop (40 per cent.) in world exports in 1967 was due not to any general scarcity but rather to heavy purchases in 1966, and those purchases had increased the stocks of opium and of its alkaloids, morphine and codeine, in the manufacturing countries.

In 1967 manufacturers turned more and more to poppy straw as source of manufactured morphine, 27,400 tons being used in that year against 23,400 tons in 1966. Total quantity of morphine manufactured in 1967 was 143 tons, of which 139.5 tons was converted into various narcotic drugs, principally codeine. Codeine production reached a record level of 136 tons in 1966. The Board states "after such an exceptional increase—15 tons—it was not surprising that production in

1967 remained at the present level." In 1967 the United Kingdom exported 9.1 tons of codeine and once again assumed its traditional position as largest exporter of the drug. Next came Soviet Russia, whose exports dropped from 9.5 tons in 1966 to 6.9 tons in 1967.

The 8.7 tons of ethylmorphine manufactured in 1967 constituted a new maximum. Once again the U.K., after a lapse of three years, took first place among exporters of the drug. "The country had never before exported such an amount (695 kilos) but neither had it produced so much (949 kilos)—more than twice its 1966 output and over four times that of 1965."

Three countries continue to manufacture heroin, primarily for their own needs. Of the three, consumption re-

14 kilos being converted to nalorphine. The United States, Peru and Argentina were the only countries producing cocaine in 1967. Almost the whole of the world market is, however, supplied by the United States, whose share, after a fall in production from 1,008 kilos to 566 kilos between 1965 and 1966, reached 91.6 per cent. of the world total in 1967, corresponding to a record output of 1,268 kilos.

Production of pethidine in 1967 was 4.1 tons lower than the record 1966 figure of 20.6 tons. Consumption of the drug per million inhabitants in the U.K. has dropped from 18.6 kilos in 1952 to 16.9 kilos in 1967.

UNITED KINGDOM PRODUCTION

| | 1966 kilos | 1967 kilos |
|----------------------|---------------|---------------|
| Morphine | 25,183 | 23,156 |
| Morphine Unconverted | 4,556 | 4,349 |
| Thebaine | 507 | 573 |
| Codeine | 23,493 | 21,761 |
| Dionine | 441 | 949 |
| Cocaine | — | — |
| Pethidine | 3,235 | 3,584 |
| Methadone | 70 | 88 |

TOTAL CONSUMPTION OF NARCOTICS

| | UNITED KINGDOM | | IRELAND | |
|----------------|----------------|---------------|---------------|---------------|
| | 1966 kilos | 1967 kilos | 1966 kilos | 1967 kilos |
| Morphine | 416 | 425 | 9 | 5 |
| Codeine | 11,569 | 10,820 | 283 | 388 |
| Dionine | 196 | 147 | — | — |
| Cocaine | 115 | 103 | 2 | 1 |
| Pethidine | 1,006 | 931 | 37 | 39 |
| Methadone | 45 | 40 | 1 | 1 |
| Dextromoramide | 21 | 23 | 1 | 2 |

NARCOTICS CONSUMED PER MILLION INHABITANTS

| | UNITED KINGDOM | | IRELAND | |
|----------------|----------------|---------------|---------------|---------------|
| | 1966 kilos | 1967 kilos | 1966 kilos | 1967 kilos |
| Morphine | 7.55 | 7.69 | 3.12 | 1.72 |
| Codeine | 209.85 | 195.89 | 98.09 | 133.84 |
| Dionine | 3.56 | 2.66 | — | — |
| Cocaine | 2.09 | 1.86 | 0.69 | 0.34 |
| Pethidine | 18.25 | 16.86 | 12.82 | 13.45 |
| Methadone | 0.82 | 0.72 | 0.35 | 0.34 |
| Dextromoramide | 0.38 | 0.42 | 0.35 | 0.69 |

mained steady in the U.K. and was decreasing in Belgium and France. In the U.K. 1967 production reached 75 kilos, of which 60 kilos was consumed,

DOCTORS' AND DENTISTS' PAY

Details of recently awarded 8 per cent. increase

THE review body on doctors' and dentists' pay has recommended in its tenth report (H.M. Stationery Office, price 2s. 6d.) an average net increase of just under 8 per cent. in the overall remuneration of the professions from January 1. Total cost is expected to be in the region of £18 million, and the Prime Minister has announced the Government's readiness to accept the recommendations, with early indication of discussions with the professions about their implementation. The detailed recommendations include the following in respect of general medical practitioners:—

| | Present | Recommended |
|----------------------------------|--------------------|--------------------|
| Basic practice allowance | £1,100 | £1,150 |
| Supplementary practice allowance | £220 | £230 |
| Seniority payments — | | |
| first payment | £200 | £210 |
| second payment | an additional £200 | an additional £210 |
| third payment | a further £250 | a further £260 |
| Standard capitation fee— | | |
| for each patient aged 65 or over | £1 8s. | £1 10s. |
| for all other patients | £1 | £1 2s. 6d. |
| Supplementary capitation fees | | |
| (per patient in excess of 1,000) | 2s. 6d. | 2s. 9d. |
| Rural practice payments (total) | £2,171,000 | £2,301,000 |

In addition, the review body suggests an increase in the maternity medical services fee from £15 to £15 17s. 6d. per patient and that the temporary resident fee should be increased from £1 2s. 6d. to £1 3s. 6d.

The review body recommends increases in the salary scales for all grades of hospital medical and dental staff (examples on next page).

The report states that the target average net income of general dental practitioners should be increased from £3,200 in the year beginning April 1, 1966 and £3,325 in that beginning 1952 to 16.9 kilos in 1967.

| | present | Recommended from January 1, 1969 |
|------------------|--------------|--|
| House officers | £1,100-1,300 | £1,250-1,450 |
| Registrars | £1,650-2,050 | £1,790-2,220 |
| Senior registrar | £1,950-2,550 | £2,120-2,760 |
| Consultant | £3,200-4,885 | £3,470-5,275 |

April 1, 1967 to £3,590 a year from January 1, 1969.

In making the recommendations the review body noted that between April 1, 1967 and December 31, 1968 there would have been a rise in comparable salaries of between 7 and 9 per cent. and they noted in addition that the rise in average earnings of all employees (salary and wage earners combined) between March, 1967 and July, 1968 was 10.2 per cent. They concluded that the remuneration of doctors and dentists had fallen seriously behind.

MANUFACTURERS' ACTIVITIES

Showing at Brazil Exhibition. — At the British Industrial Exhibition, Sao Paulo, Brazil, March 5-16, May & Baker, Ltd., Dagenham, Essex, will be exhibiting foodstuffs, antioxidants, animal health products, pearling agents, photographic, pharmaceutical, industrial and laboratory chemicals, perfumery products and industrial odour-control compounds.

Technical Information in Spanish. — In order to give added emphasis to their sales drive in Spain and Latin America, BDH Chemicals, Ltd., Poole, Dorset, have launched a Spanish version of their *New Entries*, a publication providing regular technical information on new chemicals and their applications. It is being mailed monthly to BDH agents, distributors and customers in Spanish-speaking markets.

Lipstick Prize in Chocolate Competition. — Lipsticks in "Innocent pink," a new colour in the Kamera Klear series of L. Lechner, (London), Ltd., 436 Essex Road, London, N.1, has been chosen by Cadbury Bros., Ltd., as a prize to give to the first 5,000 entrants in a confectionery/make-up competition running from early February until April 28. The colour is described as "a heavenly dusky pink, touched with a twinkle to give that extra sheen and pearliness."

Award Shared. — The second Horlicks scholarship for state enrolled nurses, awarded by the British Commonwealth Nurses War Memorial Fund, was won jointly by Mrs. E. J. Blewett, Horton

General Hospital, Banbury, and Mrs. D. M. Panton, White House Hospital, Boston, Lincs. In view of the double award, Horlicks, Ltd., Slough, Bucks, have increased the amount of their grant this year from £700 to £800, so that each scholar will have a scholarship of £400. To this, the British Commonwealth Nurses War Memorial Fund is adding a further £100 towards travelling expenses.



FOR TREATING NASAL CONGESTION — THE OLD WAY AND THE NEW: To bring home the change that has taken place in the treatment, Calmic, Ltd., Crewe, Ches, have photographed behind the collection of Victorian inhalers and steam kettles shown in the picture a girl holding a tablet of their speciality Sudafed (based on orally taken pseudoephedrine) to exemplify the methods of today.

Going Places. — Representatives from all over Great Britain mingled with directors of Wella (Gt. Britain), Ltd., and visitors from Wella International at the company's annual sales conference at the London Hilton Hotel recently. Mr. O. H. Graulich (marketing director) congratulated the sales force on their achievements in 1968. To accommodate the added demand for Wella products and equipment, new or enlarged depôts had been opened in Scotland and the Midlands, and there were plans to open still further outlets. Larger delivery vans in a distinctive red-and-white colour scheme were also being introduced. Since its launch Lady Set had achieved three times the anticipated target sales figure. Wella sprays for normal and greasy hair had exceeded all expectations. There was applause for Mr. W. Neubert (overseas marketing director, Wella International)

who had flown in specially for the conference. At the conference Wella's newest product Structurelle, "the permanent with the biological action," was introduced.

SHOPFITTING AND DISPLAY

Decorative Constructional Boards.

Laconite boards of Nevill Long & Co. (Boards), Ltd., North Hyde Wharf, Southall, Middlesex, may be fixed or bonded on to Asbestolux asbestos insulating board to give decorative effects such as bleached woodgrain.

Advice on Shop Planning. — A service in planning shop refits or conversions is offered by W. M. Allan, Ltd., Montford Street, Salford, 5, Lancs; Hall Street, Dudley, Worcs, and 110 Leman Street, London, E.1, who invite chemists to post a coupon (on another page of this issue) for free brochures on cosmetic counters, gondolas, etc.

Modular Fittings. — Umdasch modular shopfitting system, supplied by Arthur Wardle (Shopfitters), Ltd., Umdasch division, Ayres Road, Manchester, 16, is adaptable to a wide variety of merchandising situations. Freestanding, fully adjustable frames permit great flexibility in interchange of components. Technical representatives are available to discuss the system in greater detail.

Counters and Wall Fittings. — The Cwik-Sel range of shop counters and wall fittings (Cwik-Sel is the registered trade name of shop counters and of Cadwallader, Ltd., 400 Aldridge Road, Perry Barr, Birmingham, 22B) includes many examples ideally suited to needs of retail chemists. They are available from stocks at the company's warehouse, enabling them to cater fully for the large multi-department store as easily as the private proprietor. The units are factory made and, by pre-assembly, installation time is cut to a minimum, the only fixing time necessary being the retention of the top of the wall fittings to the wall to hold them firmly in position. The company provide the service of visiting premises, measuring the wall and floor surfaces available, and giving on-the-spot estimates for any fitting scheme. If required a drawing-office staff is available to offer further design schemes. The Cwik-Sel fittings and counters are being exhibited at Display Market Week Exhibition, Grosvenor House, Park Lane, London, W.1, February 24 (stand No. GR 6).



Representatives and executives of Wella (Gt. Britain), Ltd., at dinner after their sales conference in London recently.

Premises and Names Removed from Registers

DECISIONS TAKEN BY STATUTORY COMMITTEE

THE premises of Zygmunt (Chemists), Ltd., 4 Westbourne Grove, London, W.2, are being removed from the Register for a period of two years. That decision was taken by The Statutory Committee of the Pharmaceutical Society of Great Britain on February 12. The Committee inquired into the company's conviction, at Marylebone, London, magistrates' court, recently, when the company was fined £100 and ordered to pay costs totalling £2,925, for supplying capsules containing penicillin V instead of ampicillin. At the same time the Committee adjourned for twelve months a decision upon the superintendent pharmacist of the company. Mr. P. St. J. Howe presented the facts to the Committee, and the pharmacist was represented by Mr. Harvey, counsel. Mr. Morris (chartered accountant of Bernard Phillips & Co.) was present on behalf of the receiver for the debenture-holders.

Giving the Committee's decision, the chairman (SIR BENJAMIN ORMEROD) said the matter was not an easy one, but the Committee was satisfied that a superintendent pharmacist, "whether he was in the premises at the time or not, is responsible for what goes on in the shop." It might be that frauds could be carried on without his knowledge. Nevertheless the responsibility was his. The superintendent had been guilty of such misconduct as would warrant applying one or other of the sanctions which it was in the Committee's power to apply, but the Committee had decided on the adjournment. As to the company, it had not been disputed, he said, that penicillin V had been sold as Penbritin or ampicillin.

"This ... a very serious fraud ... is a matter this Committee is bound to treat seriously."

The first case to be considered by the Committee at its February 12 meeting was a resumed inquiry; the decision, after hearing evidence by the Society's inspector, was to take no further action.

A "Funny Turn"

At the hearing of another resumed inquiry an inspector of the Society said that, on one occasion when he had visited the pharmacy concerned, the pharmacist was not present. While he was waiting sales of medicines took place but no poisons were sold. The pharmacist, when he arrived, said he had been suffering from diarrhoea and had had a "funny turn." At other visits by the inspector the pharmacist had been absent and had arrived later. The pharmacist explained that on one occasion he had experienced difficulty in starting his car and on another had called to order a pane of glass to replace one broken by children. The assistants had received strict instructions concerning the selling of poisons. SIR BENJAMIN said the Committee was unanimous that the case could not be dismissed. "We are not satisfied with

your conduct and are going to adjourn the hearing for a further twelve months ... if there is another report of this kind your name will be removed from the Register." The chairman also told the pharmacist that though he might have some cause for being late and for not being at the pharmacy, he could have instructed assistants to wait for him before opening the shop.

The next case concerned a hospital pharmacist who had been taking drugs and who, in January 1968, had given an undertaking to the Committee not to engage in pharmacy, or in any other work that would bring him into contact with the type of drug he had "been becoming addicted to." The member told the Committee that since the previous hearing he had been employed in a hardware shop. He produced references from the director and manager of the company and from his doctor. The Committee decided to take no further action.

Permission to Appear

Permission had been granted by the Home Office to enable a pharmacist, Mr. John Bentley Harrison, to appear before the Committee while serving a term of imprisonment. Mr. Harrison had been convicted of stealing Drinamyl tablets from his employers. MR. HOWE said that the conviction concerned 20,000 tablets taken over a period of eight months. The tablets had been given to a Mr. Austin Hancock, who had later been convicted of being in unauthorised possession. Harrison was said not to have received anything for the tablets and he later explained that his wife and family and he himself had been threatened with violence. He expected to be released from prison on May 13.

Giving the Committee's decision, SIR BENJAMIN said: "Mr. Harrison, the Committee has considered this carefully and, of course, we all feel very sympathetic towards the position you are in now and the way it has been brought about but, of course, we have to consider that this is a very serious matter now. When all is said and done, those tablets were a source of trouble, a temptation to a lot of young people, and you have been instrumental in seeing that a large number of these tablets were put on the market. I have no doubt you are suffering, and suffering very considerably, as a result of this, but at the same time we feel we cannot do other than order that your name be removed from the Register. ... You can appeal, of course, if you feel that it will do any good, or you can apply in due course for your name to be reinstated. I have not the slightest doubt Mr. Priest will give you all the information you want on that point. I would not advise you to apply within twelve months from the present date, but clearly you cannot practise pharmacy until May, and then I have no doubt that whoever you have as superintendent pharmacist can carry on

in your absence for the time being. All these matters are for you, I am afraid, to make up your mind about. All we can do at the moment is to say we must order your name to be removed from the Register."

MR. HOWE: May I through you thank the prison officers for bringing Mr. Harrison down here.

The CHAIRMAN: Yes, we are much obliged to the Home Office for making it possible and to the prison officers who have come along.

Three Faults

The supplying of 41,500 DF118 tablets to a patient in quantities ranging from 500 to 2,000 tablets at a time over a long period of time was the basis of the next inquiry. The question was whether the pharmacist concerned had failed in his duty in that he had not (1) advised the customer that the quantity purchased was considerably in excess of the normal dosage; (2) taken into account that dehydrocodeine was known to be capable of causing addiction; and (3) advised his customer to seek medical advice. An inspector of the Society described how he had inspected the pharmacist's poison register and had found details of the transactions involving 41,500 tablets of DF118. Dr. F. Prescott gave evidence about the pharmacology of the drug.

The pharmacist explained to the Committee that the customer had been injured in a motorcycle crash in which his shoulder joint had become badly displaced and his arm had since withered. The customer, who was in business on his own account and had to travel round the country, was taking the tablets "to keep the pain bearable, until his arm was in a suitable condition to be operated upon." He had told the pharmacist he would like to keep a supply of the tablets locked up at some of the places he visited so that he would not be without them at any time.

Not until the Society's inspector had pointed out how many tablets the customer had received over the period did the pharmacist have any doubts or misgiving. He had immediately ceased selling the tablets to the customer and informed him that further supplies would have to be on a doctor's prescription. A day or two later the customer brought one in, which was dispensed.

The pharmacist told the Committee that he was unaware that the tablets could cause addiction. The customer appeared quite normal when he came into the pharmacy.

Sir Benjamin said that the pharmaceutical members of the Committee considered the pharmacist's conduct as irresponsible. "We have come to the conclusion that conduct of the kind that you practised over the past few years must be regarded as misconduct which would justify us in exercising one or other of the sanctions available to us. ... You should have known that,

even in giving this man one 500 tin of these tablets, you were giving him far more than any doctor would prescribe, and more than was going to do him any good in any circumstances. Not only did you do it once but you did it a good many times over a number of years, and I am bound to say for my part that I find it difficult to understand how you could accept the story that he told you time after time about going from one place to another and requiring large quantities of these tablets. . . . The Committee do not think that your name should be removed from the Register, nor that there should be any further proceedings in this matter, because they are satisfied that you have learned a lesson which will warrant your being much more careful in the future in a case of this kind. The decision of the Committee is therefore that you be admonished. But do not do it again."

The Committee also considered the case of a postgraduate student who had pleaded guilty to, and convicted of, stealing a quantity of heroin and cannabis extract from his employer, and of supplying heroin contrary to regulation 8(1) of the Dangerous Drugs (No. 2) Regulations, 1964. The student, who had been fined £100, had now applied for registration as a pharmaceutical chemist. Mr. J. Peppitt,

applicant's Counsel, said that the applicant had sought advice from the Society's officers. "I am authorised by Mr. Lewis to say that it was this young man's own decision that he would go away and do a job of work in order to purge himself, as it were, for a period of time before regarding himself as a fit and proper person to make application for his name to be entered on the Register. He had, of course, been dismissed by his then employers, who were giving him his twelve months' practical experience. He took a job as a medical representative for twelve months, travelling all over the place, at a basic salary of £1,100 a year. At the end of that period he decided to start doing his practical experience and, having completed it, he makes application to this Committee."

Counsel put in a number of testimonials. The conviction, he pointed out, had occurred in September 1966, and the applicant had waited for about two years and five months. "But he has still come back determined to do what he set out to do. I invite you to give him credit for that and to say he is worthy of consideration."

The CHAIRMAN said the Committee after conferring was prepared to agree to the applicant's name being put on the Register as from July 1.

Several cases were adjourned.

TRADE MARKS

APPLICATIONS ADVERTISED BEFORE REGISTRATION

"Trade Marks Journal,"
February 19, No. 4721

- GRADUA, 898,478, by Ward Laboratories (U.K.), Ltd., London, W.1. *For colouring preparations for the hair* (3)
- BEA KASSER, B903,462, by Bea Kasser, A.G., Zurich, Switzerland. *For cosmetics and perfumes* (3)
- HAUTE COIFFURE (device), B923,115, by SAPDC, Ltd., Johannesburg, South Africa. *For preparations for the hair, and preparations for the treatment of wigs* (3)
- LIFEBUOY (device), 917,183, LUX (device), 917,849, by Unilever, Ltd., Port Sunlight, Birkenhead, Ches. *For soaps; etc.* (3)
- FIESTA, 919,634, by Colgate-Palmolive Co., New York, U.S.A. *For dentifrices; non-medicated preparations for the care of the mouth and teeth; etc.* (3)
- PEARLS OF STUDIO ALWAYS YOURS, 921,945, by Studio Girl-Hollywood, Ltd., Havant, Hants. *For perfumes, non-medicated toilet preparations, cosmetic preparations, dentifrices, depilatory preparations, toilet articles, sachets for use in waving the hair, shampoos, soaps and essential oils* (3)
- NIGHT FLIGHT, 925,060, by Avon Cosmetics, Ltd., Northampton. *For perfumes, eau de Cologne, perfumed and scented sachets, toilet soaps; and toilet powders, bath oils and skin lotions, all being cosmetic or non-medicated toilet preparations* (3)
- TWEED PARFUM CREME, 925,382, by Lenthéric, Ltd., London, W.1. *For perfumes in cream form* (3)
- ELBINGO, 926,805, by Edeka Import e G.m.b.H., Hamburg, 1, Germany. *For soaps, perfumes, perfumed non-medicated toilet preparations; and cosmetic articles; etc.* (3)
- REXSOL, 928,047, by Rexall Drug Co., Loughborough, Leics. *For cosmetic preparations for use in suntanning* (3)
- Device, 929,781, by Lautier Fils, Ltd., London, W.4. *For essential oils; aromatic preparations for use in the manufacture of perfumery and perfumed articles* (3)
- DIVA, 911,537, by Divapharma, A.G., Zurich, Switzerland. *For pharmaceutical preparations*

- and substances, but not including dietetic chocolate, dietetic cocoa, dietetic chocolate confectionery or mixtures of dietetic chocolate and milk or any goods of the same description* (5)
- JANSSIN Q.70, 916,545, by Dr. Janssen, Ltd., Leatherhead, Surrey. *For foods and beverages* (5)
- ESKAZOLIDONE, 919,400, by Smith, Kline & French Laboratories, Ltd., Welwyn Garden City, Herts. *For pharmaceutical, veterinary and sanitary preparations and substances, disinfectants, preparations for killing weeds and destroying vermin* (5)
- ESKAFUR, 919,402, by Smith, Kline & French Laboratories, Ltd., Welwyn Garden City, Herts. *For pharmaceutical preparations for human use and disinfectants, all being derivatives of furan* (5)
- PANTOCID, 920,627, by Abbott Laboratories, North Chicago, Illinois, U.S.A. *For pharmaceutical, veterinary and sanitary substances* (5)
- SILCOFOAM, 927,732, by Leslies, Ltd., London, E.17. *For polyurethane foam coated with zinc oxide self-adhesive plaster, for medical and surgical purposes* (5)
- LIPAX, 928,979, by Biofarma, S.A., Neuilly-sur-Seine, France. *For medicines for human use* (5)
- SORBISOX, B929,261, by Slater Harrison & Co., Ltd., West Bollington, Ches. *For deodorant socks (insoles) for footwear* (5)
- HORSEGUARD, B929,307, by Marfleet Refining Co., Ltd., Marfleet, Hull, Yorks. *For veterinary preparations for the treatment of horses and ponies* (5)
- IMPERISTAT 930,569, by Imperial Chemical Industries, Ltd., London, S.W.1. *For pharmaceutical preparations and substances for human and veterinary use; sanitary substances and disinfectants* (5)
- FLAMINON, 903,812, by E. R. Squibb & Sons, Twickenham, Middlesex. *For anti-inflammatory analgesic pharmaceutical preparations* (5)
- URIBEN, 930,901, by R. P. Drugs, Ltd., Leeds, 7. *For pharmaceutical and veterinary preparations and substances* (5)
- HOLOGON, 922,107, by Carl Zeiss, Wuerttemberg, Germany. *For photographic, cinematographic and optical instruments and*

- apparatus; and parts and fittings* (9)
- MATAC, 923,493, INGLA, 923,496, JAJMAC, 923,499, by James A. Jobling & Co. Ltd., Sunderland, co. Durham. *For photographic, cinematographic and optical apparatus and instruments; etc.* (9)
- PERSTORP, B866,320, Perstorp, A.C., Perstorp, Sweden. *For combs, brushes; etc., all made wholly or principally of plastics* (21)
- CONCORDE, 922,091, by British Aircraft Corporation (Operating), Ltd., London, S.W.1. *For combs, vacuum flasks; etc., but not including hot water bottles or any goods of the same description* (21)

PATENTS

COMPLETE SPECIFICATIONS ACCEPTED

From the "Official Journal (Patents),"
February 19, 1969

- Seed-treatment nematocides and certain 2,4-dihalophenylsulphonates having nematocidal properties.* Shell International Research Maatschappij. N.V. 1,147,035.
- Container with lift tab cover release.* J. L. Clark Mfg. Co. 1,147,130.
- Cephalosporins.* Bristol-Myers Co. 1,147,136.
- Steroids and the manufacture thereof.* Upjohn Co. 1,147,202/203.
- Process for producing L-Lysine from 5-(4-aminobutyl)-hydantoin.* Kyowa Hakko Kogyo Co., Ltd. 1,147,229.
- Method for the production of slow release pharmaceutical compositions.* Laboratori Biochimici Farmaceutici Camillo Corvi, S.r.l. 1,147,245.
- Treatment of respiratory diseases in poultry.* Merck & Co., Inc. 1,147,291.
- Steroids and the manufacture thereof.* Upjohn Co. 1,147,342/343.
- Liquid acetylsalicylic acid.* M. Faeges. 1,147,348.
- 13-Phenyl-gonenes.* Merck & Co., Inc. 1,147,371-72.
- 4-Alkyl-[dialkoxy]- α -methyl-phenethylamines and pharmacologically acceptable salts.* Dow Chemical Co. 1,147,379.
- Herbicidal compositions.* Amchem Products, Inc. 1,147,386.
- Sulphonamides.* F. Hoffmann-La Roche & Co., A.G. 1,147,403.
- Sulphonamide derivatives.* F. Hoffmann-La Roche & Co., A.G. 1,147,404.
- Packing of compressible articles or packages of suitable materials in containers.* G. N. Rotheray. 1,147,445.
- Process for preparing a lipolytic enzyme.* Farbwerke Hoechst, A.G. 1,147,471.
- Arachnicides and fungicides.* Janssen Pharmaceutica, N.V. 1,147,523.
- Halophenylpyridine derivatives and the use thereof as herbicides.* Monsanto Chemicals, Ltd. 1,147,438.
- Cardiac apparatus.* Electro-Catheter Corporation. 1,147,532.
- Sterilisation of powders.* Doulton & Co., Ltd. 1,147,640.
- 6 α -methyl-oestrene compounds.* Organon Laboratories, Ltd. 1,147,656.
- Cyclopropane derivatives.* Smith Kline & French Laboratories. 1,147,696.
- Tetracycline derivatives.* Les Laboratoires Dausse. 1,147,698.
- Stabilisation of chlormethiazole.* A.B. Astra. 1,147,731.
- British patent specification relating to the above will be obtainable (price 4s. 6d. each) from the Patents Office, 25 Southampton Buildings, Chancery Lane, London, W.C.2, from April 2, 1969.

TRANSPORT NOTES

A Larger Tank for the "Transit". — A tank of capacity to increase by over 50 per cent. the operating range of the Ford Transit medium commercial range of vans has been introduced as a regular production option for short-wheelbase models. The new optional tank has a capacity of 15 gall., against the standard 9½-gall. tank and is available on 12-cwt., 17-cwt., and 22-cwt. models.

TRADE REPORT

The prices given are those obtained by importers or manufacturers for bulk quantities or original packages. Various charges have to be added whereby values are augmented before wholesale dealers receive the goods into stock.

LONDON, FEBRUARY 26: There has been little fresh to report on the CRUDE DRUGS market during the week. Shortages of many commodities continued to be a feature, with rising prices for the diminishing stocks available for prompt delivery. LYCOPODIUM was marked up by 2s. 6d. lb. and PODOPHYLLUM by 10s. cwt. in the absence of shipment offers. QUILLARIA and SARPARRILLA were also unobtainable at origin but the spot prices were unchanged. Firmer were Cape ALOES by 5s. cwt. and DANDELION ROOT by 10s. cwt. in both positions. New-crop TURMERIC rose 20s. cwt. for shipment while the old crop on the spot was up 10s. Zanzibar CLOVES in limited quantities were offered for shipment at 15s. 6d., c.i.f. per lb. Indian VALERIAN was down 5s. cwt.

ESSENTIAL OILS were quiet with few price changes. BOIS DE ROSE was three-pence lb. dearer for shipment. The position of BERGAMOT is confused. There has been a good crop but the Bergamot Consortium has a large stock of oil left over and has been asking the Italian Government to subsidise the oil but it appears that no decision has yet been reached. First reports of the French LAVENDER and LAVANDIN show the crops to be in good condition.

Pharmaceutical Chemicals

AMMONIUM ACETATE.—Kegs (50-kilos), B.P.C. 1949, 7s. 3d. per kilo. SOLUTION (200-kilo drums) strong, 2s. 3½d. per kilo.

AMMONIUM BICARBONATE.—B.P. powder £54 10s. per ton; CARBONATE, £83 10s. for lump and £87 10s. for powder.

AMMONIUM CHLORIDE.—50-kilo lots pure powder, 2s. 5½d. per kilo in paper sacks.

ANEURINE.—HYDROCHLORIDE (per kilo) in 1-kilo lots, 104s. 3d.; 5 kilos, 102s. 3d.; 25 kilos, 100s. The MONONITRATE is 108s. 6d.; 106s. 6d. and 104s. 3d. for similar quantities.

ANTIMONY.—Trichloride, flake, in 25-kilo drums, about 15s. kilo;—potassium tartrate, U.S.P., 9s. 6d. lb.

ASCORBIC ACID.—(Per kilo) 1-kilo, 28s. 3d.; 5-kilos, 26s.; 50-kilos, 23s. 6d. Coated is 1s. 6d. more and SODIUM ASCORBATE, 5s. 6d. more than the acid.

BACITRACIN.—Sterile topical, 53s. per mega unit for 25 m.u. lots.

CAFFEINE.—HYDRATE and ANHYDROUS in less than 50-kilo lots, 32s. 9d. per kilo; over 50-kilos, 30s. 3d.

CALCIEEROL.—1-kilo lots 2s. 7½d. per gm.

CALCIUM CARBONATE.—B.P. light precipitated powder, 1-ton lots, £47 10s. per ton in free bags, delivered. PREPARED powder, £22 10s. ex works.

CALCIUM CHLORIDE.—Fused, 437s. 8d. per, 100 kilo in 12½ kilo tins.

CALCIUM GLUCONATE.—(Per kilo), 25-kilos, 10s. 4d.; 50-kilos, 9s. 9d.; 250-kilos 9s. 5d.

CALCIUM LACTATE.—B.P. 250 kilo lots at £412 per 1,000 kilo.

CALCIUM PANTOTHENATE.—92s. 6d. per kilo for 1 to 9 kilo lots.

β-CAROTENE.—Suspension 20 per cent, 334s. 6d. per kilo.

CHLORPHENESIN.—50-kilo lots are 72s. 6d. per kilo.

HYDROXOCOBALAMIN.—For 100-gm. lots, 105s. per gm.

INOSITOL.—1-kilo, 100s.; 10 kilos, 90s. per kilo.

LITHIUM SALTS.—In 1-cwt. lots, CARBONATE, 5s. 9d. lb.; CHLORIDE granular, 10s. 1d. powder 10s. 2½d.; HYDROXIDE, 6s. 5½d.

MAGNESIUM CARBONATE.—1-ton lots; LIGHT, £145; HEAVY, £135-£175.

MAGNESIUM HYDROXIDE.—B.P.C., 1-ton lots, £457 6s. 8d.

MAGNESIUM OXIDE, B.P. (Per ton).—LIGHT, £457 6s. 8d.; HEAVY, £718 13s. 4d.

MAGNESIUM PEROXIDE.—B.P.C. (15 per cent.), 3s. 11d. per lb. for 1 cwt. lots.

MAGNESIUM PHOSPHATE.—TRIBASIC, B.P.C. 1949, 10s. 4d. per kilo, in sacks; DIHYDROGEN, 9s. per kilo for 50-kilo lots.

MAGNESIUM SULPHATE.—B.P. crystals in minimum 1 ton lots £27 per ton, EXSICCATED, £70-£74 per ton, ex works.

MAGNESIUM TRISILICATE.—1 ton lots, £448.

MENAPHTHENE.—(100 kilo lots), B.P. 112s. per kilo; ACETOMENAPHTHENE, B.P. 112s. 6d.; MENAPHTHENE SODIUM BISULPHITE (vitamin K₃), 72s.

NEOMYCIN SULPHATE, B.P.—5-kilos, 550s. per kilo sterile and non-sterile.

NICOTINAMIDE.—(Per kilo), 1-kilo, 32s.; 10-100 kilos, 29s.

NICOTINIC ACID.—1-kilo, 26s. 6d.; 10-100 kilos, 23s. 6d. per kilo.

D-PANTHENOL.—1 to 9 kilos, 182s. per kilo; 10 kilos, 172s. per kilo.

PENICILLIN.—SODIUM, POTASSIUM or PROCAINE, 2·25d. per mega for 5,000 megas.

PREDNISONE.—1-kilo lots, ALCOHOL and ACETATE, 6s. 6d. per gm.

PYRIDOXINE.—(Per kilo) 1-kilo, 176s. 6d.; 10-kilos, 171s. 6d.; 25-kilos, 169s.

RIBOFLAVINE.—170s. kilo; 10-kilos, 165s.

SACCHARIN.—B.P. powder, 1 lb. and over 15s. 6d. per lb.; SODIUM SALT, B.P., 14s.

SANTONIN.—5 kilo lots, 374s. kilo.

SODIUM ACETATE.—B.P.C. 1949, 50-kilos 4s. 0½d. per kilo.

SODIUM BENZOATE.—1-ton lots, 2s. 5d. lb.

SODIUM BICARBONATE.—B.P. 1-cwt. bags, £24 8s. per ton for 8-ton lots.

SODIUM CHLORIDE.—Vacuum dried, 179s. 4d. per ton in paper sacks for 6-ton lots.

SODIUM CYCLAMATE.—1-ton lots, 4s. lb.

SODIUM FLUORIDE.—B.P.C., 50-kilo kegs, 10s. 4d. per kilo.

SODIUM FORMATE.—B.P.C. 1934, 6s. 8d. per kilo for 50-kilos.

SODIUM GLUCONATE.—Pyrogen-free, 500-gm., £12 per kilo; refined, 150 kilos, 8s. 9d. kilo.

SODIUM HYDROXIDE.—FLAKE, 69s. 6d. per 50-kilo drums, STICKS, B.P., 1958, 50-kilos, 12s. 11d. per kilo in 5-kilo tins; PELLETS, 5s. 4d. kilo for 250-kilo lots.

SODIUM METABISULPHITE.—Powder 1s. 11d. kilo in 50-kilo sack.

SODIUM POTASSIUM TARTRATE.—B.P.C. (Per 1,000 kilos), 50-kilos, £267; 250-kilos, £258.

SODIUM NITRITE.—B.P.C., 50-kilo kegs, 6s. 2d. per kilo.

SODIUM PANTOTHENATE.—Per kilo, 105s. for 1- to 9-kilo lots.

SODIUM PERBORATE.—(Per ton) TETRAHYDRATE (minimum 10 per cent. available oxygen), £144 8s. in 1-cwt. kegs; £136 18s. in 1-cwt. bags; PERBORATE MONOHYDRATE (15 per cent. available oxygen) is £313 4s.

SODIUM PERCARBONATE.—(Per ton), £173 15s. in kegs (bags £7 10s. per ton lower) for minimum 12 per cent. available oxygen.

SODIUM PHOSPHATE.—B.P. ACID crystal, 6s. 3d. per kilo; POWDER, 8s. 1d.

SODIUM SALICYLATE.—1-ton lots in bulk, 3s. 10½d. per lb.

SODIUM SULPHITE.—4-ton lots; photo quality, £31 12s. 6d. per ton in bags.

SODIUM THIOSULPHATE.—In 4-ton lots £38 12s. 6d. per ton ex works.

STREPTOMYCIN.—BASE and SULPHATE, 2·85d. per gm.

VITAMIN A.—ACETATE nad PALMITATE up to 10,000 m.i.u. 2½d. per m.i.u.; 10-15,000 m.i.u. 2½d.

VITAMIN D.—Powder for tableting, 850,000 i.u. per gm. 125s. per kilo; in oil. 1 million i.u. per gm. 67s. 6d. per kilo for 100,000 m.i.u. Crystalline; see under calciferol. D in oil (1 mega per gm.), threepence per mega for less than 100-gm ampoule.

VITAMIN E.—(Kilo) Tocopheryl acetate 292s. 6d.; 10-kilos, 287s. 6d. 25 per cent. dry powder 10-kilos, 108s.

Crude Drugs

ALOES.—(per cwt.). Cape primes, 325s. spot; 290s., c.i.f. Curacao, 540s.; 530s., c.i.f.

CINNAMON.—Seychelles bark, 450s. cwt., spot; 435s., c.i.f. Ceylon quills per lb., c.i.f., five 0's, 10s.; four 0's, 8s. 9d.; two 0's, 8s. 3d.; quillings, 5s.

CLOVES.—Zanzibar, 16s. 6d. lb. spot; Feb.-March 15s. 6d., c.i.f., net. Shipping weights.

DANDELION.—Root, 510s. cwt. spot 485s., c.i.f.

GINGER.—(Per cwt.)—Nigerian split, 170s., spot; peeled, 172s. 6d.; Sierra Leone, 220s., spot; Jamaican, 450s., spot.

GUM ACACIA.—Kordofan cleaned sorts, 250s. cwt., spot; 247s. 6d. c.i.f.

MENTHOL.—(lb.). Chinese, 34s., spot, shipment, 32s., c.i.f. Brazilian, 26s.; spot, 24s. 6d., c.i.f.

PEPPER.—(Per lb.) Sarawak white, 2s. 8½d. on spot; 2s. 8d., c.i.f.; black, 2s. 4½d., spot; 2s. 3d., c.i.f. Brazilian, 2s. 5d., spot.

PODOPHYLLUM.—Emodi, 350s., cwt. spot; shipment nominal.

SEEDS.—(Per cwt.)—ANISE.—China star, unselected, 250s.; Spanish green, 260s., both duty paid, CARAWAY.—Dutch, 180s., spot.

CELERY.—No offers spot of Indian, old crop reported sold at 430s c.i.f. and no further stocks available. New crop for June-July shipment 310s., c.i.f. paid. CORIANDER.—Moroccan, 72s. 6d., spot; 70s., c.i.f., Rumanian split, 65s., duty paid. CUMIN.—Iranian, 155s., duty paid; 130s., c.i.f. quoted.

DILL.—Indian, 160s., spot; 120s., c.i.f. FENNEL.—Chinese, 115s., duty paid; 97s. 6d., c.i.f., Indian, 185s., spot. FENUGREEK.—Moroccan, 72s. 6d. duty paid; 61s. 6d., c.i.f. MUSTARD.—English, 65s. to 97s. 6d as to quality.

TURMERIC.—Madras finger, spot, 265s. cwt.; new crop (March-April), 205s.

VALERIAN ROOT.—Indian 310s. cwt. spot; 295s., c.i.f.; Continental, 400s.; 380s., c.i.f.

Essential and Expressed Oils

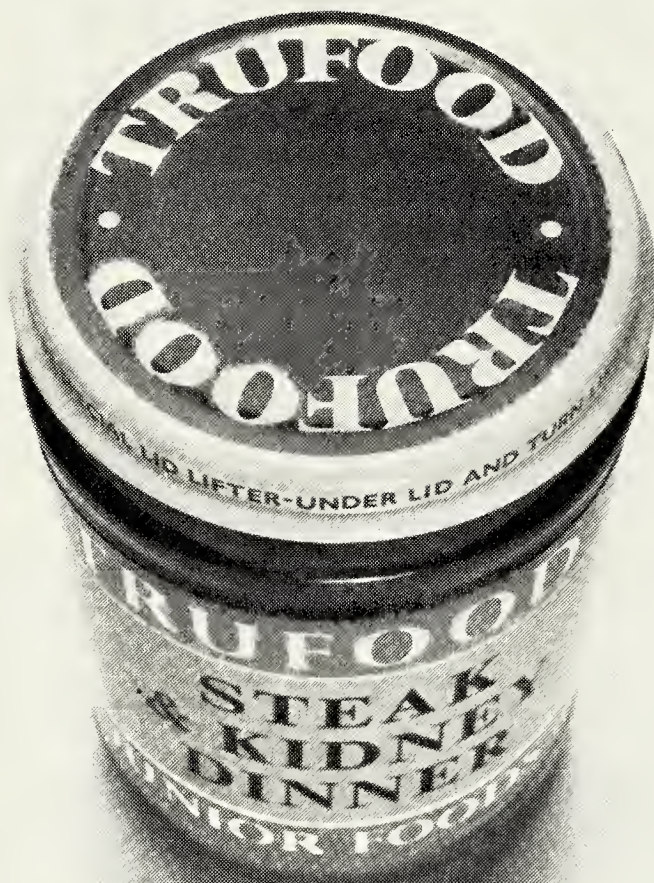
BOIS DE ROSE.—Brazilian, 19s. 9d. lb. spot and 19s., c.i.f.

CARDAMOM.—Indian, 500s. per lb., English distilled, 750s.

CLOVE.—(lb.) Madagascar leaf, shipment; 13s. 6d., c.i.f.; spot, 13s. 4½d., in bond, English-distilled bud, 66s. (1-cwt. lots).

UNITED STATES REPORT

NEW YORK, February 25: Firm among ESSENTIAL OILS were CLOVE BUD at \$7-\$8 lb. (up 50 cents) and CELERY at a range of \$22.50-\$28 lb. The higher tendency is expected to continue.



Insurance.

We're not talking about the good Spoonfoods and Junior Foods do for babies. But what they do for chemists.

They protect your Baby Food sales.

Because Spoonfoods and Junior Foods are sold through chemists. And only through chemists.

There's another good reason. Sales have risen dramatically over the last two years—and they're still on the way up.

That's why more and more chemists are giving pride of place to the 32 Spoonfoods and 32 Junior Foods varieties.

They've found it's a good, sound insurance policy.

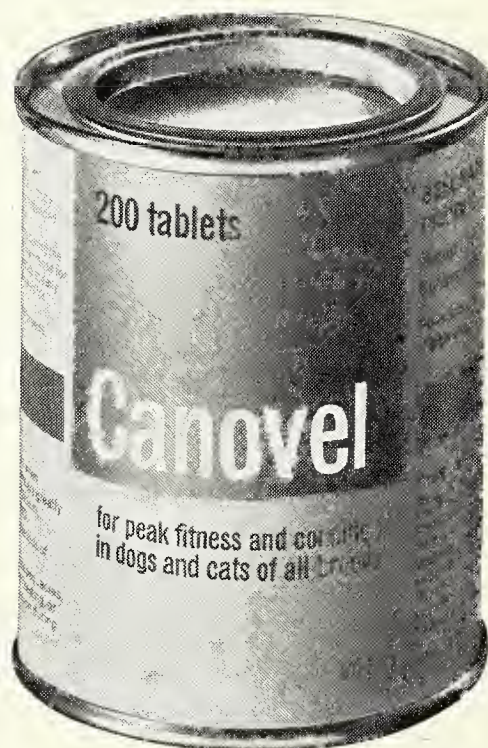
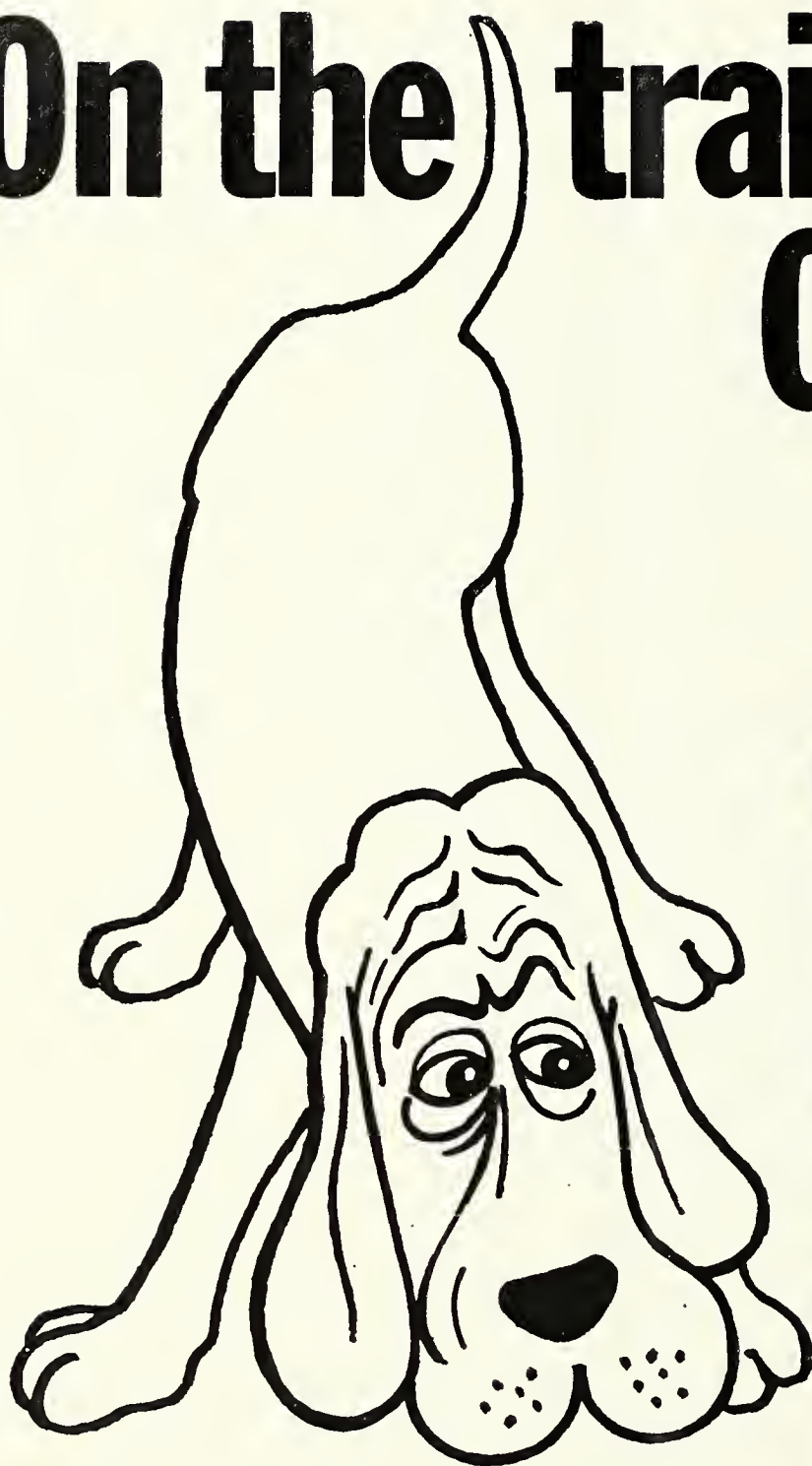
So will you. For complete details, get in touch with Trufood at the address below.

SPOONFOODS, JUNIOR FOODS, from the specialists in infant feeding.

Trufood Limited

London Road, Guildford, Surrey

On the trail of Canovel



Canovel is a valuable nutritional supplement for dogs and cats, providing factors which may easily be lacking in an everyday diet. Canovel tablets should be given daily to ensure adequate nourishment and to promote good health. They are especially useful for growing puppies and kittens, also in pregnancy and lactation and during convalescence.

Advertisements will be appearing in the lay

press, advising pet owners that Canovel may be obtained from Chemists or Veterinary Surgeons.

Canovel tablets have been reformulated to a smaller, more convenient size, palatable and acceptable to both dogs and cats.

They are now available in canisters of 200 and 1,000 tablets, from your usual wholesaler.



Further information from:

Beecham Veterinary Products

Upper Mall, London, W.6. Tel: 01-748 5001.

WORLD TRADE

Dutch Sell More Pharmaceuticals.—The Dutch pharmaceutical industry developed satisfactorily during 1968 and total sales are put at about Fl. 650 million, against Fl. 580 million in 1967. Exports made a bigger contribution to total sales than home market sales and for the first six months aggregated Fl. 209 million (Fl. 178 million in the corresponding period of 1967).

Sal Seeds: A Commercial Proposition?—India's dependence on imported tallow for soap-making and cocoa butter for the manufacture of chocolates may be largely reduced with the exploitation of sal seeds, found in plenty in the Indian forests, according to a recent report of the Indian Oilseeds Development Council. The kernel of sal (*Shorea robusta*), a gregarious forest tree species growing over 48,000 sq. miles of India, contains 14 to 16 per cent. of a greenish hard fat which is reported to be well suited for the purposes mentioned after processing. India is at present importing Rs.5 million worth of cocoa beans for manufacture of cocoa butter.

Indian Link-up with Hungary.—Thcmis Pharmaceuticals, Bombay, India, in collaboration with Gedeon Richter, Hungary, are establishing a pharmaceutical plant at Vapi for the basic manufacture of vitamin B₁₂. Mr. M. Hoffmann (deputy general manager of Medimpex, Budapest, the export agency for Hungarian pharmaceuticals), said recently that the development represented the first time that Hungary was financially participating with a private firm in India. The new factory was expected to reach its production targets by 1970. The venture is expected to cost about Rs.4 million. The Hungarian firm, apart from participating financially to the extent of 26 per cent., will be supplying process "know-how."

CONTEMPORARY THEMES

Subjects of contributions in current medical and technical publications

N-TRITYLMORPHOLINE (Frescon). Preliminary observations on the control of *Fasciola hepatica* with the molluscicide.

DISSOLUTION RATES of crystalline drugs. *J. mond. Pharm.* October-December 1968.

ADVANCE INFORMATION

BRITISH INDUSTRIAL BIOLOGICAL RESEARCH ASSOCIATION, Royal College of Physicians, St. Andrew's Place, London, N.W.1, at 6.30 p.m. on May 28. Annual scientific meeting. Dr. B. L. Oser (president and director, Food & Drug Research Laboratories, Inc., New York) on "Safety Factors."

RETAIL ALLIANCE. Meetings on decimalisation for retailers are being held at Grand Central hotel, Royal Avenue, Belfast, at 7.30 p.m. on March 10 and at City hotel, Foyle Street, Londonderry, at 7.30 p.m. on March 11.

SHOP EQUIPMENT SHOW, Royal Dublin Society, Dublin, Eire, August 30 to September 4. Organisers: Industrial and Trade Fairs (Ireland), Ltd.

Courses and Conferences

BRITISH SOCIETY FOR THE HISTORY OF PHARMACY AND DEPARTMENT OF ADULT EDUCATION, UNIVERSITY OF NOTTINGHAM, Nottingham, April 18-21. Conference on medicine, pharmacy and population in the 18th century.

COMING EVENTS

Items for inclusion under this heading should be sent in time to reach the Editor not later than first post on Wednesday of the week of insertion.

Monday, March 3

DAILY MAIL IDEAL HOME EXHIBITION, Earls Court, London, W.14. Opening postponed. HARROW BRANCH, PHARMACEUTICAL SOCIETY, Victoria hall, Sheepcote Road, Harrow, at 7.40 p.m. Film evening.

NORTHAMPTON BRANCH, PHARMACEUTICAL SOCIETY, Plough hotel, Bridge Street, Northampton, at 8 p.m. Mr. J. A. Box on "Small-scale preparation of Eye Drops."

NORTH STAFFORDSHIRE BRANCH, PHARMACEUTICAL SOCIETY, Medical institute, Hartshill, Stoke-on-Trent, at 7.45 p.m. Mr. K. G. Cluer (finance officer, National Pharmaceutical Union) on "Book-keeping; Income Tax, and New Monetary System." (Post-graduate business course. Tickets 15s. each lecture).

ROYAL INSTITUTE OF CHEMISTRY, Chemistry department, Leeds University, at 6.30 p.m. Professor A. H. Beckett on "Drug Addiction—Chemistry and Control."

STOCKPORT BRANCH, PHARMACEUTICAL SOCIETY, Belgrade hotel, Stockport, at 8 p.m. Mr. A. R. Morley on the "Leper Colony in Hong Kong."

Tuesday, March 4

BIRMINGHAM BRANCH, PHARMACEUTICAL SOCIETY, Alexander Macgregor lecture theatre, Birmingham Dental Hospital, at 8 p.m. Dr. E. J. Sheppard on "Search for Plants that Heal."

GLASGOW PHARMACY CLUB, R. A. Peacock & Sons, Ltd., tea-room, 28 Westminster Terrace, Sauchiehall Street, Glasgow, at 7.30 p.m. Whist drive.

IMPO '69 (Photographic Importers' Association exhibition), Mayfair suite, Mecca, Bullring, Birmingham, 2 p.m.-9 p.m. and on Wednesday, 11 a.m.-6 p.m.

NORWICH BRANCH, PHARMACEUTICAL SOCIETY, Assembly house, Theatre Street, Norwich, at 7.30 p.m. Speaker from Kodak, Ltd. on "Photographic Marketing."

PHARMACEUTICAL GROUP, ROYAL SOCIETY OF HEALTH, 90 Buckingham Palace Road, London, S.W.1, at 7.30 p.m. Dr. P. A. Zorab (consultant physician, Brompton Hospital and Paddington General Hospital) on "Bronchitis, Emphysema and Smoking."

RHYL BRANCH, PHARMACEUTICAL SOCIETY, Post-graduate medical centre, Royal Alexandra Hospital, Rhyl, at 8 p.m. Films presented by Carlo Erba (U.K.), Ltd.

UNIVERSITY OF LONDON, Westminster Hospital Medical School, Page Street, London, S.W.1, at 5.15 p.m. Dr. J. F. Zilva on "Effect of Steroids on Iron Metabolism."

WOLVERHAMPTON BRANCH, PHARMACEUTICAL SOCIETY, Castlecroft hotel, Wolverhampton, at 8 p.m. Speaker from Scholl Mfg. Co., Ltd., on "Elastic Hosiery—Clarified and Simplified."

Wednesday, March 5

BOURNEMOUTH BRANCH, PHARMACEUTICAL SOCIETY, Medical centre, Boscombe, at 1.15 p.m. Film on "Pulmonary Function." At Cornelia nurses' hostel, Poole, Dr. W. L. Hooper on "Some Bacteriological Aspects of Urinary Tract Infections."

BRADFORD BRANCH, PHARMACEUTICAL SOCIETY, Connaught rooms, Bradford, at 7 p.m. Annual dinner and dance.

BRISTOL BRANCH, PHARMACEUTICAL SOCIETY, Top Rank suite, Fairfax Street, Bristol, at 7.30 p.m. Dinner.

EAST METROPOLITAN BRANCH, PHARMACEUTICAL SOCIETY, WEST HAM ASSOCIATION OF PHARMACISTS AND WALTHAM FOREST DIVISION, BRITISH MEDICAL ASSOCIATION, Medical education centre, Whipps Cross Hospital, at 8.30 p.m. Mr. R. W. Brimblecombe (Chemical Defence Experimental Establishment, Porton Down, Salisbury) on "Atropine-like Drugs."

READING BRANCH, PHARMACEUTICAL SOCIETY. Visit to Royal Berkshire Hospital's pharmacy department at 8 p.m.

RETAIL ALLIANCE, Guildhall, Worcester, at 7.30 p.m. Decimalisation meeting.

SOCIETY FOR ANALYTICAL CHEMISTRY, Department of ceramics and refractories technology, University of Sheffield, at 2.30 p.m. Meeting on "Inertial Methods of Particle Size Analysis."

SOUTH LONDON AND SURREY PHARMACISTS' GOLFING SOCIETY, Banstead Downs Golf Club, Belmont, Sutton, Surrey, at 1 p.m. Pre-season meeting with visitors.

THAMES VALLEY PHARMACISTS' ASSOCIATION, Worcester Park hotel, Malden Road, Worcester Park, at 6.30 p.m. Annual dinner and dance.

WEST HERTFORDSHIRE BRANCH, PHARMACEUTICAL SOCIETY, Langley hotel, Kings Langley, at 7.30 p.m. Dinner and dance.

Thursday, March 6

EAST KENT BRANCH, PHARMACEUTICAL SOCIETY, County hotel, High Street, Canterbury, at 7.15 p.m. Dinner and dance.

GLASGOW PHARMACEUTICAL COMMITTEE, Room No. 2, McCance Building, University of Strathclyde, Montrose Street, Glasgow, at 7.45 p.m. Annual meeting of electors and teach-in on going metric initiated by Mr. D. C. Mair (vice-chairman, Scottish Executive, Pharmaceutical Society).

HOUSLOW BRANCH, PHARMACEUTICAL SOCIETY, Sun hotel, Hansworth Road, Houslow, at 7.45 p.m. Professor A. H. Beckett (head, Chelsea School of Pharmacy) on the "Problem of Dope in Society and Sport and Some Methods for its Control."

HUDDERSFIELD BRANCH, PHARMACEUTICAL SOCIETY, Pack Horse hotel, Kirkgate, Huddersfield, at 7.45 p.m. Mr. A. N. Handley on "Night Life in the Woodland."

KODAK, LTD., Kodak House, Kingsway, London, W.C.2, Exhibition of photographs by Istvan Korda Kovacs. Until March 27.

MANCHESTER AND SALFORD BRANCH, PHARMACEUTICAL SOCIETY, Roscoe theatre, Manchester University, Brunswick Street, Manchester, at 8 p.m. Mr. A. D. Thornton-Jones (secretary, Joint Formulary Committee) on the "New British National Formulary."

RETAIL ALLIANCE, Lesser Free Trade hall, Manchester, at 7 p.m. Decimalisation meeting.

SOCIETY OF COSMETIC CHEMISTS, Royal Society of Arts, John Adam Street, London, W.C.2, at 7.30 p.m. Dr. Aalbers (Chemie N.V., Bodegraven, Netherlands) on "Surface-active Agents."

SUNDERLAND POLYTECHNIC, SUNDERLAND, at 8 p.m. Hope C. M. Winch Memorial lecture. Professor J. B. Stenlake (head of department of pharmaceutical chemistry, Strathclyde University) on "Some Recent Developments in the Study of Drug-Protein Interactions."

WEST HAM ASSOCIATION OF PHARMACISTS, Quaglino's, Bury Street, London, S.W.1, at 6.30 p.m. Dinner and dance.

Friday, March 7

EDINBURGH AND SOUTH-EASTERN SCOTTISH BRANCH, PHARMACEUTICAL SOCIETY, 36 York Place, Edinburgh, at 7.45 p.m. Recorded lecture: "Going Metric."

ROYAL INSTITUTE OF CHEMISTRY, College of Technology, Plymouth, at 4 p.m. Dr. F. Hartley (dean, School of Pharmacy, University of London) on "Chemistry and Medicine."

"SQUARE" ASSOCIATION and STUDENTS' UNION, SCHOOL OF PHARMACY, UNIVERSITY OF LONDON, Connaught rooms, Great Queen Street, London, W.C.2, at 7.30 p.m. Annual ball.

Sunday, March 9

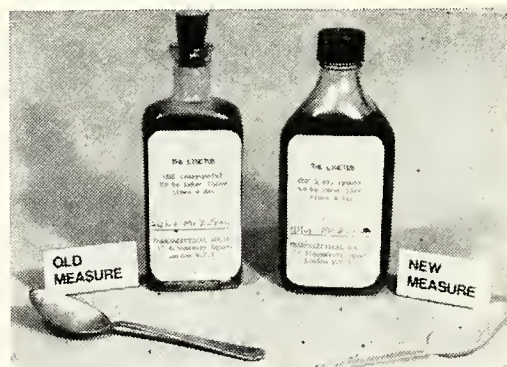
MANCHESTER AND SALFORD BRANCH, NATIONAL PHARMACEUTICAL UNION, Grand hotel, Aytoun Street, Manchester, at 2.30 p.m. Mr. J. Charlton (superintendent, Central Checking Bureau) on "Remuneration. Present Position and Future Prospect."

Please read this

Your medicine may not be quite as you expected it. The bottle may not be quite full . . . You must no longer use a kitchen spoon for measuring it . . . You have to use the special spoon provided . . .

That is because the law has changed. All medicines now have to be made up by your pharmacist in metric quantities (millilitres and milligrammes instead of "drachms" and "grains.")

So please read carefully what is printed on the label of the bottle pictured at left.



ALL DISPENSED MEDICINES ARE METRIC

FROM MARCH 3, 1969

- 1 With your medicine you will be given a

5 ml. spoon



which, filled to the rim, is the

ACCURATE MEASURE

- 2 Linctuses and syrupy liquids, which are taken from the spoon, will usually be labelled:
ONE 5 ml. spoonful to be taken...
Mixtures for adults will usually be labelled:
TWO 5 ml. spoonfuls to be taken in water...
- 3 Many mixtures are now more concentrated and it is important to dilute them with water, if so directed.
- 4 The exact number of doses prescribed for you may not fill your bottle.
- 5 Any questions? Ask your pharmacist.

KEEP ALL MEDICINES OUT
OF THE REACH OF CHILDREN

PHARMACEUTICAL SOCIETY
17 Bloomsbury Square, W.C.1.

The winner

Two sure bets for the slimming market This is the new Bisks range that has been such a winning success in the slimfood market. And in addition to all the Bisks slimfoods that went down so well in 1968 these are some of the new slimmer's treats in store (make sure they're in your store) for 1969: Swedish Crispbread Sandwich, a Plain Chocolate Biscuit, a Coffee Cream and a Milk Chocolate Digestive Biscuit.

This year Bisks are backing the whole range with big new advertising, big new promotions and colourful display items for you. Back a good winner, back a good loser. You'll win both ways.



The loser

Bisks are backing both to win you lots of new business.

Last year Bisks came out on the side of slimmers. A totally new approach recognised their problems. Now there are 60,000 good losers in the Bisks Slimmers' Club: confirmed customers for you, *and* saleswomen to bring you in lots of new business. This year Bisks are backing them—and you—with even stronger advertising in colour in Woman, Woman's Own, Woman's Weekly, Woman's Realm, Family Circle, Woman & Home and in black and white in the Daily Mirror. So back yourself to win by getting Bisks into an eye-catching (and mouth-watering) place on your shelves for 1969.



CARNATION CORN CAPS

Take advantage NOW of these special
NEW PACK LAUNCH PRICES
and **BONUS TERMS**

PRICES:

Unit Pack of 30 Wallets in a Display Outer

(each wallet contains five corn plasters)

| | |
|---------------|--------------------|
| TRADE PRICE: | 33/4 per Unit Pack |
| PURCHASE TAX: | 12/3 per Unit Pack |
| RETAIL PRICE: | 2/1 per Wallet |

BONUS TERMS:

(Direct orders only, Bonus Free of Purchase Tax)

| | | | |
|------------------|---------------|------------|-------------|
| 1 to 4 units | (120 wallets) | charged as | list price |
| 5 " | (150 wallets) | " " | 140 wallets |
| 6 " | (180 wallets) | " " | 168 wallets |
| 7 " | (210 wallets) | " " | 196 wallets |
| 8 " | (240 wallets) | " " | 224 wallets |
| 9 " | (270 wallets) | " " | 252 wallets |
| 10 " | (300 wallets) | " " | 260 wallets |
| Per unit over 10 | | " " | 26 wallets |

*For comfort on foot...
and profit in hand...*

*A Brand Leader in a
BRAND NEW PACK!*

*Now in
NEW STYLE
WALLETS
and
DISPLAY
OUTERS!*



**Extensive NATIONAL ADVERTISING
COMMENCES IN APRIL* — using
5 Mass-Circulation Newspapers and
10 Popular Women's Magazines!**

* We are delaying the Advertising Campaign until APRIL to enable our retailers to clear existing stocks of Carnation Corn Caps. Order through our representative or direct from us. (Minimum direct order £10, all goods).

stock **CARNATION**

CUXSON, GERRARD & CO. LTD., OLDBURY, WARLEY, WORCS.



Metrication Announcement

As a result of the changeover to metrication Lederle Laboratories make the following announcement:

Achromycin[®] Syrup

Achromycin V[®] Syrup

Ledermycin[®] Syrup

Lederle Laboratories are discontinuing production of the 2 fl oz and 16 fl oz packs of the above products as from March 3rd. Stocks of these packs will shortly be exhausted and no further supplies will be available; orders will be met from 100 ml packs and new 500 ml packs.

Dilution instructions

Under the forthcoming legislation, any prescription calling for a dose of less than 5 ml must be made up to 5 ml by the use of a suitable diluent. The above products can all be diluted with Syrup B.P. and an expiry date of two weeks can be given for the diluted preparation.



LEDERLE LABORATORIES

A division of **Cyanamid** of Great Britain Ltd.
Bush House Aldwych London W.C.2.

® Regd. Trademark

LNT93



The one trip BEATSON EYE DROP BOTTLE



The Beatson one trip eye drop.

To B.S. Specification 1679 Part V.

Treated amber soda glass.

Hexagon shape with neutral glass droppers.

Standard or silicone rubber teats.

Sizes: 10 ml, 20 ml, 2 dram, $\frac{1}{2}$ oz. 1 oz. and 2 oz.

Ask your wholesaler.

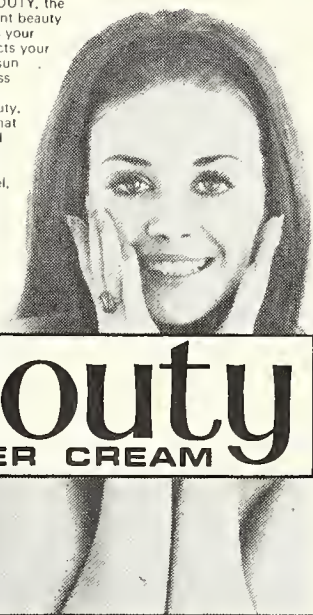
BEATSON GLASS CONTAINERS— *clearly the best*

BEATSON, CLARK & CO. LTD., ROTHERHAM, YORKSHIRE. Tel: Rotherham 79141

The touch of REAL Beauty

Caress your skin with VELOUTY, the modern ALL-IN-ONE instant beauty make-up reveals and keeps your beauty natural. . . it protects your skin against the wind and sun . . . gives you new attractiveness wherever you may be. VELOUTY means pure beauty, the fresh untouched look that excites the imagination and lets you be just yourself. Choose from seven shades, . . . Natural, Peach, Rachel, Ivory, Apricot, Sungold and Ochre.

Available in Tubes and Jars from Chemists and Beauty Counters



Velouty

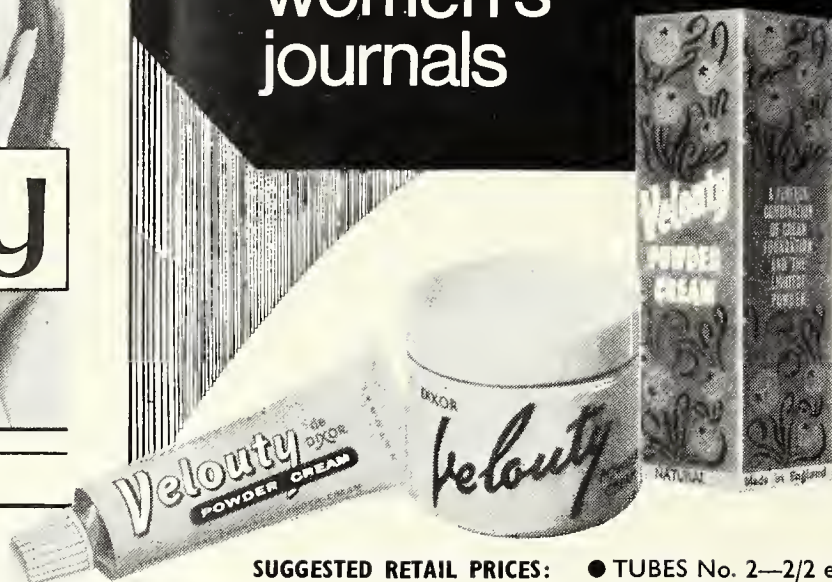
POWDER CREAM

The ALL-IN-ONE
Make up.

A complete
modern beauty
treatment.

DIXOR LTD. ST. LEONARD S RD., MORTLAKE LONDON S W 14

Advertised widely throughout 1969 in leading women's journals

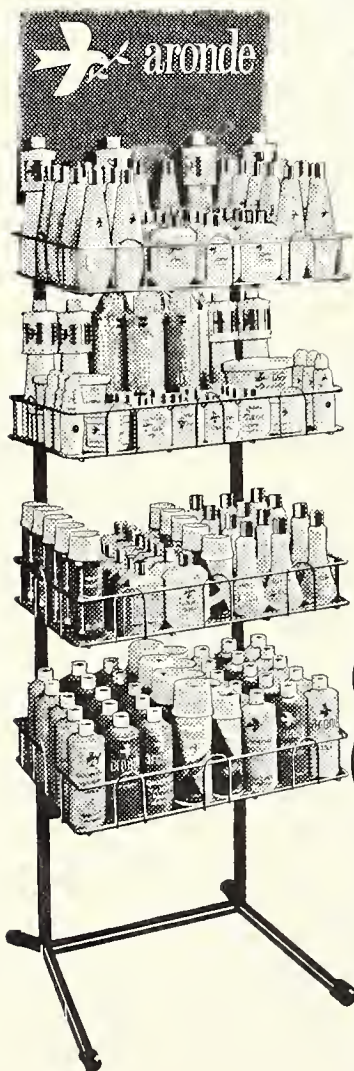


In shades of Ivory, Natural, Ochre,
Peach, Sungold, Apricot, Rachel

FROM YOUR USUAL WHOLESALER OR DIRECT FROM
DIXOR LTD. ST. LEONARD'S RD., MORTLAKE SW14

SUGGESTED RETAIL PRICES:

- TUBES No. 2—2/2 each
(Trade 12/4 doz.)
- PLASTIC JARS—6/5 each
(Trade 37/- doz.)
- TUBES No. 3—3/8 each
(Trade 20/4 doz.)



bring big new sales to your counter with the aronde display

Fast-moving Aronde has the proven merit of successful REPEAT sales! And this year, as before, your big profits with these low cost beauty lines are assured by powerful, eye-catching advertising which will be seen by more than 11,000,000 women . . . your customers amongst them! Bright full-colour spaces in **Women's Own**—backed up by good, regular black-and-white spaces designed to keep your cash register ringing steadily. Record-breaking Aronde sales are promoted by free point-of-sale aids and space-saving metal display stands, too, showing your customers the full, eye-catching Aronde range.

There are over 3,000 Aronde stockists—why not join the happy family by asking our Representative for details . . . and remember, the Aronde success story is based on unmatched quality and service. Post the coupon and we'll tell you more!

cut out here

I want fast sales and big profits—please ask your representative to call and help me to get them!

Name

Address

CD/1/3

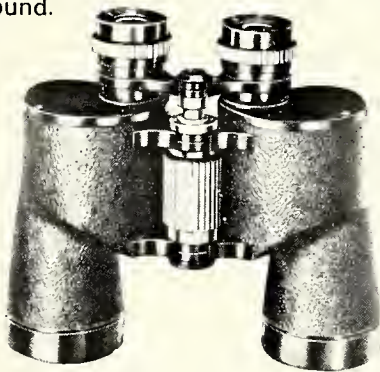
Post to: ARONDE LABORATORIES LTD., Sherbourne Avenue, Binstead, Ryde, Isle of Wight. Tel: Ryde 3761



We're proud of our image...

... our exclusive 'white image'. The image with exceptional clarity and undistorted sharpness. A special extra hard lens coating increases the blue in the light spectrum giving the viewer a much 'whiter' and therefore much clearer image. Also the renowned **Swift** quality and mechanical precision gives a range of **lightweight** binoculars with great sales appeal. Extensive national and local advertising campaign together with a plentiful supply of attractive point of sale material will ensure that customers will ask to see the **Swift** range. Take advantage of the generous discounts offered. Stock up now with the binoculars that will sell **ALL** year round.

...the
**'White
Image'**
SWIFT
With the
Lifetime
Guarantee.



**PYSER BRITEX
(Swift) Ltd.** FIRCROFT WAY,
EDENBRIDGE, Kent

Telephone: 0732-71 2434 (3 lines)
Please send Swift binocular brochure and details of
generous discounts.

NAME
ADDRESS

CD 101



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CLASSIFIED ADVERTISEMENTS

Address Box Number Replies to: Box....., THE CHEMIST AND DRUGGIST, 28 ESSEX ST., STRAND, LONDON, W.C.2. Tel.: 01-353 6565
This service does not extend to the forwarding of samples.

APPOINTMENTS

BARNET GENERAL HOSPITAL
Wellhouse Lane, Barnet, Herts.

Pharmacy Technician I
required for duties in the Group Pharmacy at Barnet General Hospital. Apply Group Pharmacist.

ILFORD & DISTRICT H.M.C.

Locum Pharmacist
any weeks July/August/September 1969. Apply to Group Secretary, King George Hospital, Eastern Avenue, Newbury Park, Ilford, Essex.

ROYAL FREE HOSPITAL

Pharmacy Technician I
required in Sterile Products Unit, Liverpool Road, N.I. Duties include preparation of sterile products with the possibility of spending some time on other pharmaceutical preparations. 38 hour week with alternate Saturday mornings free. Salary £600 to £820 per annum plus £90 London Weighting. Apply naming two referees to the Group Chief Pharmacist, Royal Free Hospital, Gray's Inn Road, London, W.C.1.

THE ROYAL FREE HOSPITAL

Senior Pharmacist
Applications are invited for the post of Senior Pharmacist with special responsibility for in-patient pharmacy. A new system of drug distribution to wards is in process of introduction. Salary on scale £1,151 per annum plus London Weighting and higher qualification allowance rising to £1,434 per annum. Additional payment is made for regular evening clinics. Applications naming two referees to the Group Chief Pharmacist, Royal Free Hospital, Gray's Inn Road, London W.C.1.

KING'S COLLEGE HOSPITAL

(St. Francis' Hospital)
Pharmacy Technician I or II
required, trainee considered. Enquiries to Chief Pharmacist (Telephone 01-274 9941). Applications to Hospital Secretary, St. Francis' Hospital, Constance Road, East Dulwich, S.E.22.

CONNAUGHT HOSPITAL

Orford Road, Walthamstow, London, E.17
Pharmacy Technician I
required Whitley Council Conditions. Apply to Hospital Secretary.

NORTH MIDDLESEX HOSPITAL

Edmonton, London, N.18
Senior Pharmacist or Pharmacist
required in modern Pharmacy Department. Part-time appointment considered. Applications stating age, experience, qualifications and giving names of two referees to the Secretary.

ROYAL INFIRMARY OF
EDINBURGH

PHARMACIST

for Group Pharmaceutical Department. Duties may include attendance at the new Eye Pavilion. Whitley Council Rates and Conditions. Temporary accommodation may be possible for a lady. Write Personnel Office, with full details and names of two referees.

ROYAL FREE HOSPITAL

Gray's Inn Road, W.C.1

SENIOR PHARMACIST

Applications are invited for the post of Senior Pharmacist with special responsibility for out-patient pharmacy. The opportunity also exists for participation in a new system of drug distribution to the Wards. Salary on scale £1,151 per annum plus London Weighting and higher qualification allowance rising to £1,434 per annum. Additional payment is made for regular evening clinics. Applications naming two referees to the Group Chief Pharmacist, Royal Free Hospital, Gray's Inn Road, London, W.C.1.

WILLESBOROUGH HOSPITAL

Ashford, Kent.

Pharmacy Technician I or II

required at the Willesborough Hospital, Ashford, Kent. Whitley Council conditions of Service. Applications to the Hospital Secretary.

*Please mention C & D when
replying to advertisements*

PUBLIC APPOINTMENTS

BOROUGH OF SWINDON

Deputy Chief Pharmacist

Health Centre

Applications are invited from Pharmacists for the superannuable appointment of Deputy Chief Pharmacist Category IV at the Swindon Health Centre.

Salary scale £1,196-£1,530.
39 hour week. Housing accommodation is available if required and 50% removal expenses can be granted.

Applications on forms obtainable from the

Town Clerk,

Civic Offices,

Swindon,

should be returned by March 10.

BUSINESSES WANTED

PRIVATE ADVERTISER is desirous of purchasing proprietary/manufacturing business. Any product connected with chemists. Outright purchase, part purchase, licensing arrangement, royalty basis, or any reasonable proposition entertained. Principals only. Please reply to Box C 1296.

AGENTS

WEST COUNTRY AGENT calling stores and high class chemists requires any good manufacturers range. Constantly requested for quality scissors etc. Ashton Reed, 21 Cecilia Road, Paignton.

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The post offers an unusual and exciting opportunity for a Guyanese, aged not more than 40 years, with a University degree in pharmacy, chemical engineering or science with emphasis on chemistry. Consideration will also be given to those likely to graduate at the end of the current University year.

The successful applicant should be enthusiastic and should have the ability to control staff; a willingness to use initiative and a sense of responsibility.

Excellent conditions of service are offered and the salary would be negotiable and depend upon qualifications and experience.

Applications setting out details of qualifications, age, experience and any other relevant information which will assist in determining the suitability of the applicant for the post, must be addressed to:

The Secretary,
P.O. Box 160,
Georgetown,
Guyana.

PHARMACIST

Production Management

An excellent opportunity is offered to a pharmacist with some years experience in production management, to assist in the further expansion of a company engaged in pharmaceutical manufacturing and contract packing. Location on Sussex coast.

The successful applicant must possess the ability to co-ordinate the activities of a small team, and have a practical understanding of the importance of service to the customer.

Analytical or Quality Control experience would be useful.

Salary by negotiation. All applications in strict confidence.

Please write with full details of present position, salary, etc., to:—

D. J. Goodall,
45, Franklin Rd.,
Portslade, Sussex,
BN 4 1AJ

SURGICAL INSTRUMENT Warehouse Manager required 5 day week. Edwards Surgical Supplies, 289 City Road, London, E.C.1. 253/3731.

REPRESENTATIVES

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A vacancy exists for an experienced Representative for the areas comprising: West Riding of Yorks, South Yorkshire, and Lancashire.

good salary, commission, car, and expenses. Applications in first instance for this important territory to:

Sales Manager,
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41/46 Piccadilly, W.1.

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BUSINESS OPPORTUNITIES

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Long or short periods.

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Phone VIC 0258.

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DRUG STORE N.16 with living accommodation 10 year lease. Rent £468 p.a. Turnover £12,000. £2,500 S.A.V. Phone 254 3633.

CHEMISTS SUNDRIES WHOLESALERS, London and Home Counties, badly hit by S.E.T. may close down. Would transfer Goodwill against purchase of stock at reasonable price. Phone 01-228 2464.

DRUG STORE. Cosmetics, films. Main agencies. Large expanding village, Notts. (pop. over 8,000). No opposition. Scope for chemist. Turnover over £12,000. Rent £300 p.a. £1,500 or offers. S.A.V. Box C 1361.

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SAVE UP TO 30% on all consumer durable goods — electrical goods, furniture, radios, etc. Famous Manufacturers deliver direct to you. Write for **free 32-page Discount Shopping Guide to Discount Shopping Centres**, Western House, 65/67 Western Road, Hove, Sussex. Tel.: Brighton 778922/3.

BIMBO BABYWEAR OFFER at very keen prices a full selection of Nylon covered frilled baby pants. Plus Nursery print plastic feeder aprons. Baby pants in four colours and assorted sizes. Guaranteed quality and satisfaction. Sample range sent on receipt of £2. Please send for details. Trade enquiries invited. Bimbo Products, Dept. C., 84, Bury Road, Harlow, Essex. Tel. Harlow 29385.

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Kingsway House,

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TRADE MARKS

The Trade Marks set out below were assigned on the 13th September, 1968, by Ashe Laboratories Limited, of Ashetree Works, Kingston Road, Leatherhead, Surrey, to Aktieselskabet Co-Ro, Essensfabrik of 1, Ellekaer, 3600 Frederikssund, Denmark. **WITHOUT THE GOODWILL OF THE BUSINESS IN WHICH THEY WERE THEN IN USE.**

| Registered No. | Trade Mark | Goods |
|----------------|-------------|--|
| 661812 | SAVVY | All goods included in Class 3, but not including soaps or saponaceous toilet preparations (other than shaving soap and shaving cream). |
| 661815 | SAVVY DEODO | All goods included in Class 5. |

The Trade Marks set out below were assigned on 31st December, 1968, by Hadleigh-Crowthor Limited of Caversham Laboratories, Ardler Road, Caversham, Reading, Berkshire, to Infacare Limited of the same address **WITHOUT THE GOODWILL OF THE BUSINESS IN WHICH THEY WERE THEN IN USE.**

| Registered No. | Mark | Goods |
|----------------|-----------|--|
| 888560 | INFACARE | Medicated bath preparations for infants. |
| 903799 | INFA-CARE | ditto |

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Opening for Chemist

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The supermarket is let to Fine Fare. Shops let to Forbuoy — newsagents, greengrocer, hardware and a laundrette. The development will be completed at the end of May.

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Please refer to previous issues of "C & D" for
Classified rates

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